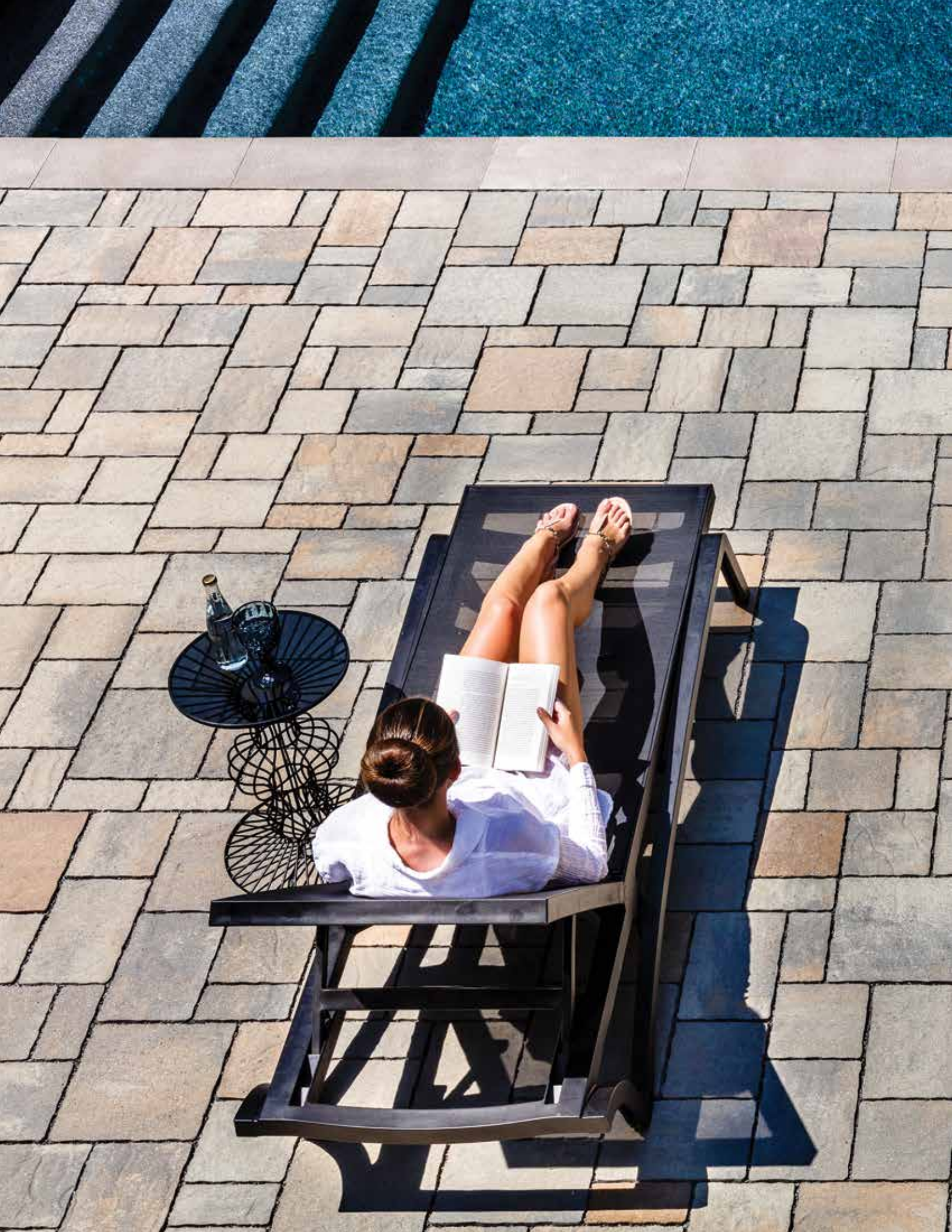
PRODUCT REFERENCE GUIDE

VOLUME 23

20 Alliance
QUALITY IS OUR STRENGTH

FLEXLOCK
BY ALLIANCE DESIGNER PRODUCTS

Flex-lock.com



To Our Valued Customers

This past year marked another successful year for Flexlock. Your continued support has helped us achieve some truly impressive milestones, and I sincerely thank you for that.

G2 with Rapid Set Technology proved to be a tremendous hit with contractors as an "industry-first". By streamlining the installation process and offering the added benefit of being rain-safe after only **15 minutes**, this product quickly rose to the top of bestsellers.

The addition of **Gator Nitro Sand** and the **XTreme Edge** marked another milestone for Flexlock. We are also proud to offer a complete and comprehensive line of geofabrics and grids to accommodate just about any type of hardscape application.

Looking ahead, we're anticipating another year of growth. To achieve this, we'll continue to focus on delivering the best hardscape accessories and customer support in the market.

As the hardscape industry in general continues to grow, we have made a commitment to stay ahead of the curve. With over 850 million square feet of pavers sold annually in North America alone, there is an enormous opportunity for us every year. Gator Base being one of them.

Gator Base has made a name in the industry and more contractors than ever before are realizing the benefits and are installing **millions of square feet.** One of its biggest advantages: Gator Base addresses the labor shortage as it significantly reduces installation time and increases efficiency. Contractors share with us that they are doing five days of work in only four days! This coming year, we plan to dedicate resources to further educating contractors on Gator Base, including best installation practices and how to sell more Gator Base jobs. See more at **4**equals**5**.com.

Flexlock has become a leading resource for hardscape education and we will continue to develop training tools and materials for our dealer network and the contractors who use our products. By subscribing to our blog (blog.alliancegator.com), you'll be the first to receive new content as it becomes available.

As we move forward and continue to grow along with the hardscape industry, you can count on us to help your business achieve success this coming year.

We're confident in the quality, value, and name recognition that the Alliance Designer Products inc. brand delivers and trust you feel the same.

Thank you again for your continued partnership and support.

Yours truly,

George Tutino
President

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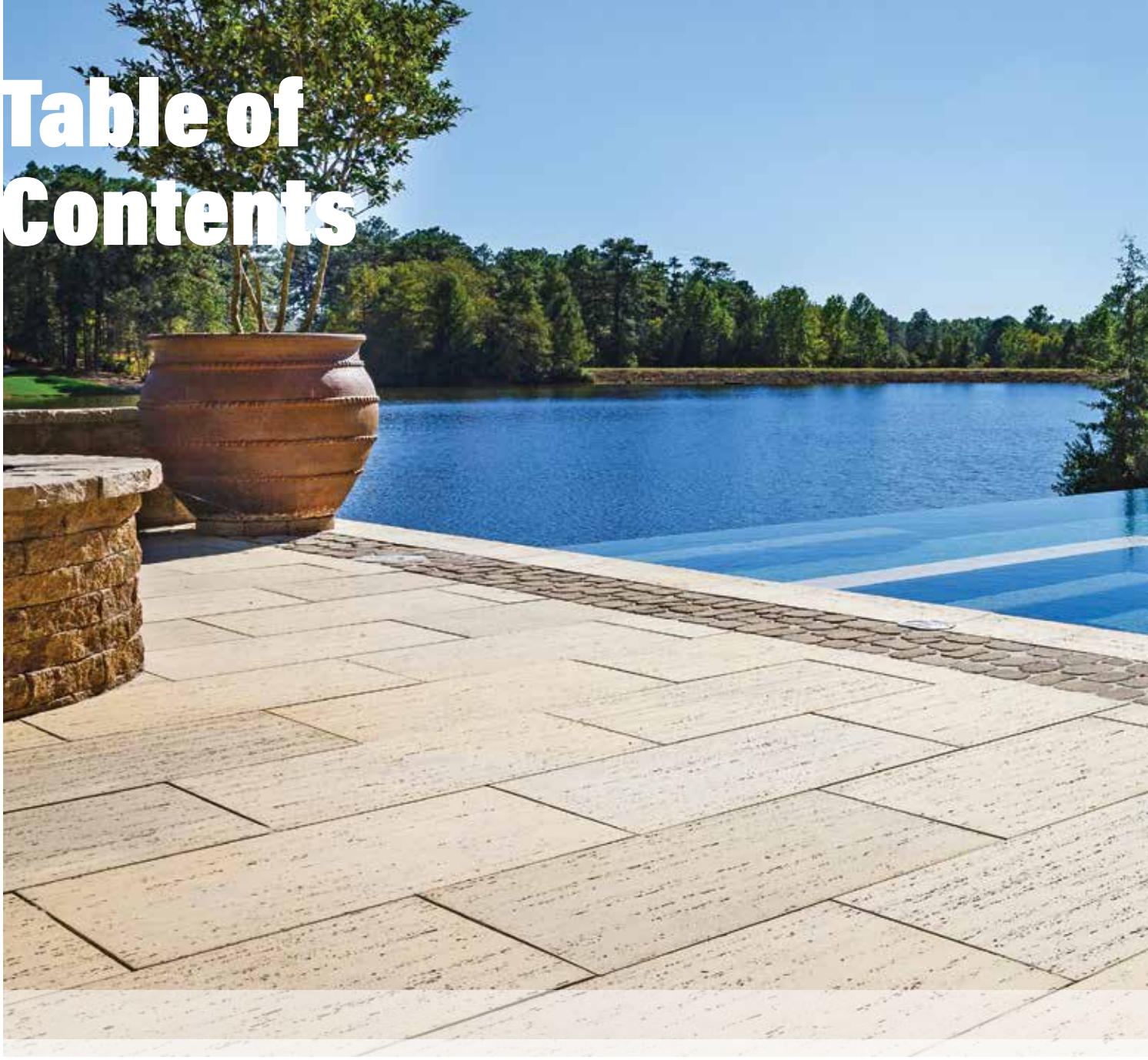

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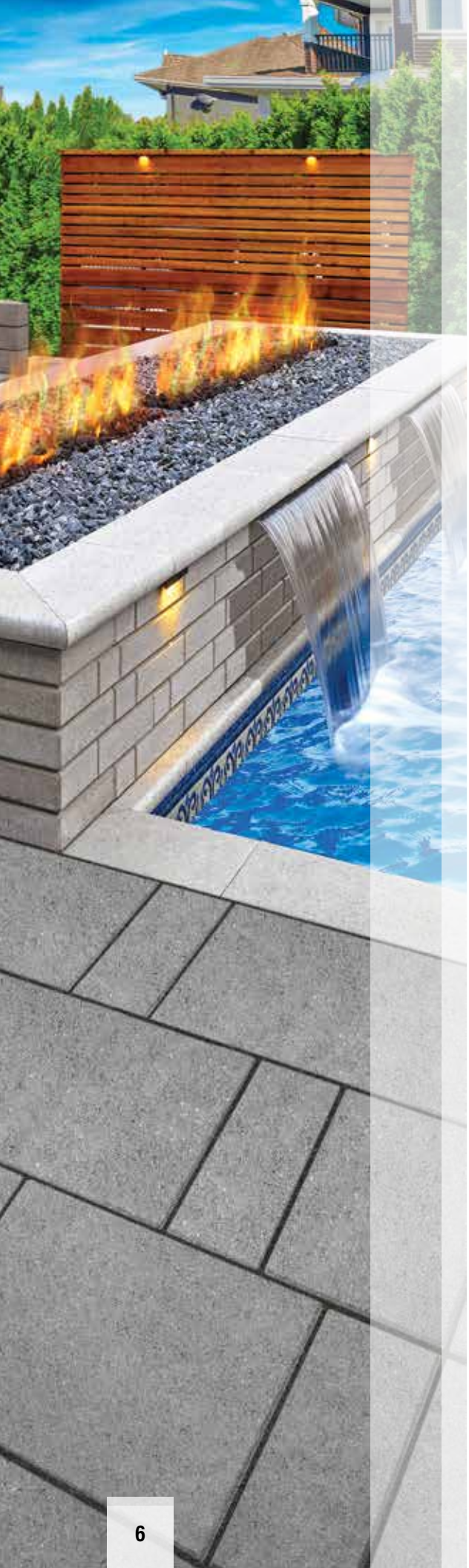


FLEXLOCK SAND™ G2™

BY ALLIANCE DESIGNER PRODUCTS

INTELLIGENT POLYMERIC SAND

POLYMERIC SAND

For joints up to 2″ (5 cm) in traditional applications

NO DUST • HAZE FREE
NO BLOWER • ONE WATERING
RAIN SAFE AFTER 15 MINUTES

Simplified
4 EASY STEPS
Installation

See installation instructions pages **62-63**

To learn more, visit us online at **Flex-lock.com**

FLEXLOCK SAND G2

IDEAL FOR

- Residential use
- Traditional applications
- Concrete pavers, natural stone, wet cast products and clay pavers
- Sloping areas, pool surroundings, patios, walkways, driveways and much more

FEATURES

- No dust, haze free, no blower, one watering
- Faster installation time
- **Rain safe 15 minutes** after water activation
- Works above 32°F (0°C)
- Waterproof bag
- 15 Year Limited Warranty
- OSHA crystalline silica compliant
- ASTM C-144 gradation

PACKAGING

- Retail Size: 50 lb (22.7 kg)
- 56 units per pallet
- Pallets can be stored outside
- Waterproof bags

HELPS PREVENT

- Weed sprouting
- Damages caused by insects
- Erosion due to climatic conditions

RAPID SET TECHNOLOGY
RAIN SAFE AFTER 15 MINUTES
OSHA COMPLIANT
ASTM C-144

15 YEAR LIMITED WARRANTY

COVERAGE

Quantity required depends on the shape and size of the concrete pavers as well as the width of the joints.

Coverage per 50 lb (22.7 kg) bag Paver 2-3/8" in height	Narrow Joints (1/8" to 3/8")	Wide Joints (3/4" to 1-1/4")
Sandy Beige, Graphite Grey	65 - 85 sq. ft. (6 - 7.4 sq. m.)	22 - 42 sq. ft. (2 - 3.9 sq. m.)

AVAILABLE COLORS

Sandy Beige | Graphite Grey

The Cleanest, Fastest and Easiest installation steps

1. Spread G2 Intelligent Polymeric Sand
2. Sweep & Vibrate G2 Intelligent Polymeric Sand
3. Sweep off excess G2 Intelligent Polymeric Sand
4. Activate G2 Intelligent Polymeric Sand with water

SEE VIDEO AT FLEX-LOCK.COM

FLEXLOCK ULTRA™ G2™
BY ALLIANCE DESIGNER PRODUCTS
INTELLIGENT POLYMERIC SAND

POLYMERIC SAND

For joints up to 4″ (10 cm) in traditional applications and 2″ (5 cm) in overlay applications

NO DUST • HAZE FREE
NO BLOWER • ONE WATERING
RAIN SAFE AFTER 15 MINUTES

Simplified
4 EASY STEPS
Installation

See installation instructions pages **64-65**

To learn more, visit us online at **Flex-lock.com**

FLEXLOCK ULTRA G2

IDEAL FOR

- Residential & commercial use
- Traditional applications and overlay applications
- Concrete pavers, natural stone, wet cast products & clay pavers
- Streetscape, commercial work, steep slopes, pool areas, patios, walkways, driveways & parking areas

FEATURES

- No dust, haze free, no blower, one watering
- Traditional applications, **Rain safe 15 minutes** after water activation
- Overlay applications, **Rain safe 24 hours** after water activation
- Works above 32°F (0°C)
- Can be used on false joint pavers
- Waterproof bag
- 15 Year Limited Warranty
- OSHA crystalline silica compliant
- ASTM C-144 gradation

PACKAGING

- Retail Size: 50 lb (22.7 kg)
- 56 units per pallet (Sandy Beige, Graphite Grey)
- 56 or 28 units per pallet (Ivory, Onyx Black)
- Pallets can be stored outside
- Waterproof bags

HELPS PREVENT

- Weed sprouting
- Damages caused by insects
- Erosion due to climatic conditions

RAPID SET TECHNOLOGY
RAIN SAFE AFTER 15 MINUTES
OSHA COMPLIANT
ASTM C-144

15 YEAR LIMITED WARRANTY

AVAILABLE COLORS

COVERAGE

Quantity required depends on the shape and size of the concrete pavers as well as the width of the joints.

Coverage per 50 lb (22.7 kg) bag Paver 2-3/8" in height	Narrow Joints (1/8" to 3/8")	Wide Joints (3/4" to 1-1/4")
Sandy Beige, Graphite Grey & Ivory	65 - 85 sq. ft. (6 - 7.4 sq. m.)	22 - 42 sq. ft. (2 - 3.9 sq. m.)
Onyx Black	58 - 76 sq. ft. (5.5 - 6.5 sq. m.)	20 - 38 sq. ft. (1.8 - 3.5 sq. m.)

The Cleanest, Fastest and Easiest installation steps

1. Spread G2 Intelligent Polymeric Sand
2. Sweep & Vibrate G2 Intelligent Polymeric Sand
3. Sweep off excess G2 Intelligent Polymeric Sand
4. Activate G2 Intelligent Polymeric Sand with water

SEE VIDEO AT FLEX-LOCK.COM

FLEXLOCK SAND™
BY ALLIANCE DESIGNER PRODUCTS

POLYMERIC SAND

For concrete paver joints up to 1″ in traditional applications

ADVANCED HAZE FREE TECHNOLOGY

SETTING TIME 1 hr
SETS ABOVE 32°F (0°C)

See installation instructions pages **66-67**

To learn more, visit us online at **Flex-lock.com**

FLEXLOCK SAND

IDEAL FOR

- Residential use
- Concrete pavers, wet cast products
- Sloping areas, pool surroundings, patios, walkways, driveways and more

FEATURES

- Traditional applications, **Rain safe 1 hour** after water activation
- Works above 32°F (0°C)
- Waterproof bag
- 15 Year Limited Warranty
- OSHA crystalline silica compliant
- ASTM C-144 gradation

PACKAGING

- Retail Size: 50 lb (22.7 kg)
- 56 units per pallet
- Pallets can be stored outside
- Waterproof bags

HELPS PREVENT

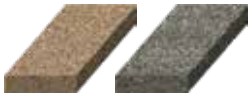
- Weed sprouting
- Damages caused by insects
- Erosion due to climatic conditions

COVERAGE

Quantity required depends on the shape and size of the concrete pavers as well as the width of the joints.

15 YEAR LIMITED WARRANTY

AVAILABLE COLORS



Sandy Beige | Graphite Grey

Coverage per 50 lb (22.7 kg) bag Paver 2-3/8" in height	Narrow Joints (1/8" to 3/8")	Wide Joints (3/4" to 1-1/4")
Sandy Beige, Graphite Grey	65 - 85 sq. ft. (6 - 7.4 sq. m.)	22 - 42 sq. ft. (2 - 3.9 sq. m.)

SEE VIDEO AT FLEX-LOCK.COM

FLEXLOCK ULTRA™
BY ALLIANCE DESIGNER PRODUCTS

POLYMERIC SAND

For concrete paving stones & natural stones, for joints up to 2″ (5 cm)

ADVANCED HAZE FREE TECHNOLOGY

TRADITIONAL APPLICATIONS
Setting time: 1 hour above 32°F (0°C)

OVERLAY APPLICATIONS
Setting time: 24 hours above 32°F (0°C)

See installation instructions pages **66-67**

To learn more, visit us online at **Flex-lock.com**

FLEXLOCK ULTRA

IDEAL FOR

- Residential & commercial use
- Traditional and Overlay applications
- Concrete paver, natural stone and wet cast products
- Streetscape, commercial work, steep slopes, pool areas, patios, walkways, driveways, parking areas and more

FEATURES

- Traditional applications, **Rain safe 1 hour** after water activation
- Overlay applications, **Rain safe 24 hours** after water activation
- Works above 32°F (0°C)
- Can be used on false joint pavers
- Waterproof bag
- 15 Year Limited Warranty
- OSHA crystalline silica compliant
- ASTM C-144 gradation

PACKAGING

- Retail Size: 50 lb (22.7 kg)
- 56 units per pallet
- Pallets can be stored outside
- Waterproof bags

HELPS PREVENT

- Weed sprouting
- Damages caused by insects
- Erosion due to climatic conditions

15 YEAR
LIMITED WARRANTY

COVERAGE

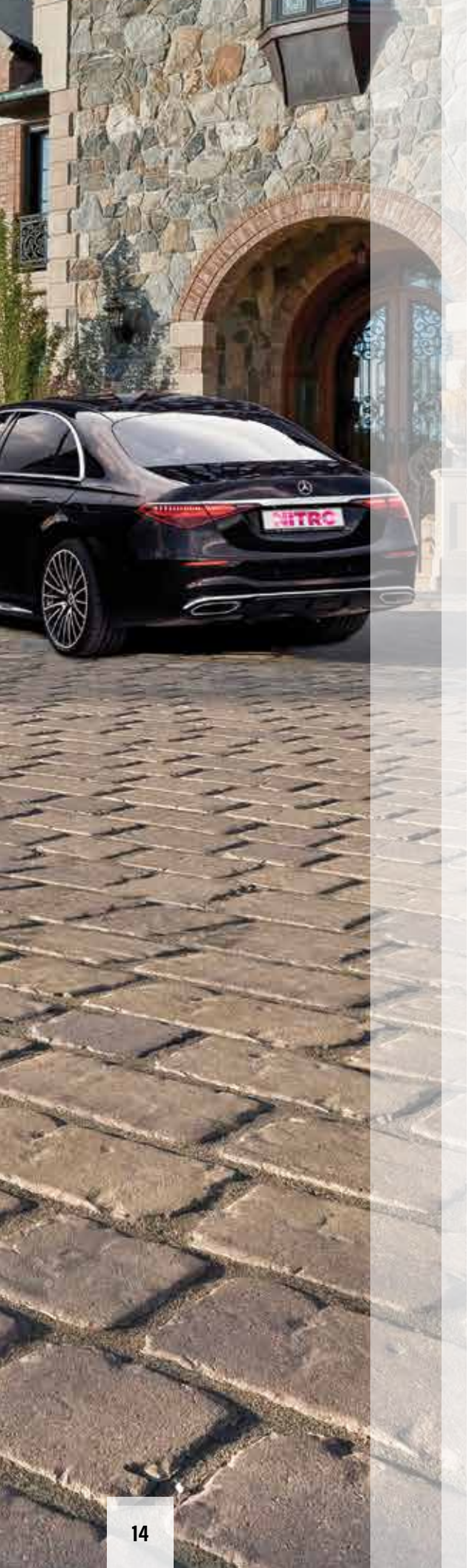
Quantity required depends on the shape and size of the concrete pavers as well as the width of the joints.

AVAILABLE COLORS

Sandy Beige | Graphite Grey

Coverage per 50 lb (22.7 kg) bag Paver 2-3/8" in height	Narrow Joints (1/8" to 3/8")	Wide Joints (3/4" to 1-1/4")
Sandy Beige, Graphite Grey	65 - 85 sq. ft. (6 - 7.4 sq. m.)	22 - 42 sq. ft. (2 - 3.9 sq. m.)

SEE VIDEO AT FLEX-LOCK.COM



GATOR NITRO SAND™

PERMEABLE JOINT SAND

For concrete paving stones & natural stones
joints 3/16" (5 mm) up to 2" (5 cm)
For porcelain tiles joints 1/8" (3 mm) up to 1/4" (6 mm)

TRADITIONAL APPLICATIONS
Setting time: 18 hours above 37°F (3°C)

See installation instructions page **60**

To learn more, visit us online at **Flex-lock.com**

GATOR NITRO SAND

NEW

FOR RESIDENTIAL DRIVEWAYS
with interlocking concrete pavers

IDEAL FOR

- Residential and Commercial Pedestrian applications with
- NEW Porcelain Tile with Gator Tile System
- Natural Stone
- Wetcast Stone
- Concrete Pavers

FEATURES

- Permeable **
- Apply rain or shine
- Strength from top to bottom *
- 25% More strength
- 25% Faster setting time

PACKAGING

- Retail Size: 40 lb (18.1 kg)
- 48 units per pallet in USA
- 48 units per pallet in Canada
- Pallets can be stored outside

5 YEAR LIMITED WARRANTY

4 BEAUTIFUL COLORS

Beige | Grey | Silver | Black

COVERAGE

Quantity required depends on the shape and size of the concrete pavers or porcelain tiles as well as the width of the joints.

Coverage per 40 lb (18.1 kg) pail Porcelain tile 24" x 24" x 3/4" (60 cm x 60 cm x 20 mm) with 1/8" (3 mm) joint width Paver or stone 12" x 12" x 2 3/8" (30 cm x 30 cm x 60 mm) with joints of 3/16" (5 mm) to 1" (25 mm)				
	BEIGE	**GREY**	**SILVER**	**BLACK**
1/8" joint [3]	295 sq. ft.	274 sq. ft.	295 sq. ft.	255 sq. ft.
3 mm joint [3]	27.4 sq. m.	25.5 sq. m.	27.4 sq. m.	23.7 sq. m.
3/16" joint [4]	58 sq. ft.	54 sq. ft.	58 sq. ft.	51 sq. ft.
5 mm joint [4]	5.4 sq. m.	5 sq. m.	5.4 sq. m.	4.7 sq. m.
3/4" joint [4]	15 sq. ft.	14 sq. ft.	15 sq. ft.	13 sq. ft.
19 mm joint [4]	1.4 sq. m.	1.3 sq. m.	1.4 sq. m.	1.2 sq. m.
1" joint [4]	11.8 sq. ft.	10.7 sq. ft.	11.8 sq. ft.	9.6 sq. ft.
25 mm joint [4]	1.1 sq. m.	1 sq. m.	1.1 sq. m.	0.9 sq. m.

[3] Porcelain Tile | [4] Concrete paver

	Minimum joint width	Maximum joint width	Joint Depth	Pedestrian	Vehicular
Porcelain Tile with Gator Tile System	1/8" (3 mm)	1/4" (6 mm)	3/4" (20 mm)	✓	X
Stones	3/16" (5 mm)	2" (50 mm)	1" (25 mm)	✓	X
Interlocking Concrete Pavers	3/16" (5 mm)	2" (50 mm)	2-3/8" (60 mm)	✓	✓

* Gator Nitro Joint Sand will harden from top to bottom up to 2 3/8".

** Permeable when installed. If not maintained, permeability will be obstructed over time.

Note: Outdoor Porcelain tiles must be installed using Gator Tile System with minimum joint depth of 3/4" (20 mm).

SEE VIDEO AT FLEX-LOCK.COM

EUROSTONE BOND

POLYMERIC SAND

For natural stone paver joints, up to 1.5″ (3.8 cm)

TRADITIONAL APPLICATIONS
Setting time: 1 hour above 32°F (0°C)

OVERLAY APPLICATIONS
Setting time: 24 hours above 32°F (0°C)

See installation instructions pages **74-75**

To learn more, visit us online at **Flex-lock.com**

EUROSTONE BOND

IDEAL FOR

- Residential & commercial use
- Traditional and Overlay applications
- Natural stone & cobble pavers
- Stone roads, piazzas, driveways, pathways & stone apron driveways

FEATURES

- Traditional applications, **Rain safe 1 hour** after water activation
- Overlay applications, **Rain safe 24 hours** after water activation
- Works above 32°F (0°C)
- Does not haze natural stone pavers
- Will resist mechanical street sweeper
- Waterproof bag
- 15 Year Limited Warranty
- In vehicular application, stone must be interlocked or adhered to a concrete bed

PACKAGING

- Retail Size: 50 lb (22.7 kg)
- 56 units per pallet
- Pallets can be stored outside
- Waterproof bags

HELPS PREVENT

- Weed sprouting
- Damages caused by insects
- Erosion due to climatic conditions

COVERAGE

Quantity required depends on the shape and size of the concrete pavers as well as the width of the joints.

15 YEAR LIMITED WARRANTY

AVAILABLE COLORS

Slate Grey

Coverage per 50 lb (22.7 kg) bag Paver 2-3/8" in height	Narrow Joints (1/8" to 3/8")	Wide Joints (3/4" to 1-1/4")
Slate Grey	65 - 85 sq. ft. (6 - 7.4 sq. m.)	22 - 42 sq. ft. (2 - 3.9 sq. m.)

SEE VIDEO AT FLEX-LOCK.COM

FLEXLOCK DUST™
BY ALLIANCE DESIGNER PRODUCTS

POLYMERIC STONE DUST

For stone joints 1/2″ to 6″ (1.25 to 15 cm)

XTRA BONDING
XTRA STRENGTH
XTRA DURABILITY

FOR PEDESTRIAN USE ONLY

CANNOT BE USED FOR VEHICULAR TRAFFIC

EASY TO INSTALL
SWEEP IT, TAMP IT, WATER IT AND YOU'RE DONE!

See installation instructions pages **68-69**

To learn more, visit us online at **Flex-lock.com**

FLEXLOCK DUST

ASK FOR IT BY NAME! DON'T COMPROMISE!

IDEAL FOR

- Pedestrian use
- Patios, walkways, pooldecks and more
- Joints 1/2″ to 6″ wide (1.25 to 15 cm)

FEATURES

- Traditional applications, **Rain safe 24 hours** after water activation
- Works above 59°F (15°C)
- Waterproof bag
- 15 Year Limited Warranty

PACKAGING

- Retail Size: 50 lb (22.7 kg)
- 56 units per pallet
- Pallets can be stored outside
- Waterproof bags

HELPS PREVENT

- Weed sprouting
- Damages caused by insects
- Erosion due to climatic conditions

15 YEAR
LIMITED WARRANTY

AVAILABLE COLORS

Sahara Beige | Stone Grey

COVERAGE

Quantity required depends on the shape and size of the stones as well as the width of the joints.

Coverage per 50 lb (22.7 kg) bag Wet cast or natural stones 2" to 2-1/2" in height	Joints (1" to 2")
Sahara Beige & Stone Grey	20 to 30 sq. ft. (1.86 to 2.79 sq. m.)

SEE VIDEO AT
FLEX-LOCK.COM

FLEXLOCK SANDS

Selection Chart

Criteria	Flexlock Sand G2	Flexlock Ultra G2
Traditional Base Applications ●	✓	✓
Overlay Applications ●	-	✓
Residential Use	✓	✓
Commercial Use	-	✓
Pedestrian / Vehicular Traffic	✓	✓
Available Colors	Sandy Beige • Graphite Grey	Sandy Beige • Graphite Grey Ivory • Onyx Black
Rain Safe on Traditional Base Application ●	15 Minutes	15 Minutes
Rain Safe on Overlay Application ●	-	24 Hours
Temperature (Initial activation)	Above 32°F (0°C)	Above 32°F (0°C)
Joint Width (Paver or Stone) in Traditional Base Application	Up to 2″ (5 cm)	Up to 4″ (10 cm)
Joint Width (Porcelain tile) in Traditional Base Application	-	-
Joint Width in Overlay Application	-	Up to 2″ (5 cm)
Joint filled 1/8″ (3 mm) below edge or chamfer	✓	✓
Concrete Pavers, Wet Cast & Natural Stone	✓	✓
Clay Pavers	✓	✓
Porcelain Tile	-	-
One Watering	✓	✓
Dust Free	✓	✓
Joint Depth	Full depth minus ⅛" (3 mm) of paving unit	Full depth minus ⅛" (3 mm) of paving unit
Permeable	-	-

● As defined by ICPI Tech Spec #2 for Traditional Base.
● As described by ICPI Tech Spec #10 for Overlay Application.

Nitro Joint Sand	Flexlock Sand	Flexlock Ultra	Eurostone	Flexlock Dust
✓	✓	✓	✓	✓
-	-	✓	✓	-
✓	✓	✓	✓	✓
✓	-	✓	✓	✓
✓	✓	✓	✓	Pedestrian Only
Beige • Grey Silver • Black	Sandy Beige • Graphite Grey	Sandy Beige • Graphite Grey	Slate Grey	Sahara Beige & Stone Grey
Immediately	1 Hour	1 Hour	1 Hour	24 Hours
-	-	24 Hours	24 Hours	-
Above 37°F (3°C)	Above 32°F (0°C)	Above 32°F (0°C)	Above 32°F (0°C)	Above 59°F (15°C) ●
3⁄16″ (5 mm) to 2″ (50 mm)	Up to 1″ (2.5 cm)	Up to 2″ (5 cm)	Up to 1.5″ (3.8 cm)	½″ to 6″ (1.25-15 cm)
⅛″ (3 mm) to ¼″ (6 mm)	-	-	-	-
-	-	Up to 1″ (2.5 cm)	Up to 1.5″ (3.8 cm)	-
✓	✓	✓	✓	✓
✓	✓	✓	Natural stone & cobble pavers	Natural Stone Only
-	-	-	-	-
✓	-	-	-	-
Water throughout installation process	3-steps watering process	3-steps watering process	3-steps watering process	✓
✓	-	-	-	-
Full depth minus ⅛″ (3 mm) of paving unit	Full depth minus ⅛″ (3 mm) of paving unit	Full depth minus ⅛″ (3 mm) of paving unit	Full depth minus ⅛″ (3 mm) of paving unit	Full depth minus ⅛″ (3 mm) of paving unit
✓	-	-	-	-

● Initial Set ONLY: final set occurs when site and climate conditions allow product to completely dry out.
● Must be above 59 degrees Fahrenheit (15 degress Celsius) for 24 hours after watering.

GATOR AQUA ROCK

Permeable stone for permeable paver joints graded ASTM No. 9 stone

2,200 lb Supersack

GATOR AQUA ROCK

IDEAL FOR

- Residential & commercial use
- Permeable paver joints and bedding material for pavers
- Concrete paver and wet cast products
- Driveways, parking lots, patios and more
- Foundation material directly under Gator Base

FEATURES

- Graded to meet ASTM No. 9
- High strength granite stone for long-term use
- Reduction of storm water run off
- Calibrated for the majority of permeable pavers

PACKAGING

- Retail Size: 50 lb (22.7 kg)
- 56 units per pallet
- Retail Size: Super-Sack 2200 lb (1000 kg)
- 1 unit per pallet

COVERAGE

Quantity required depends on the shape and size of the concrete pavers as well as the width of the joints.

Coverage for paver 2.36" in height	Joints
Granite Grey | 50 lb (22.7 kg) bag	20 to 25 sq ft (1.9 to 2.3 sq m)
Granite Grey | 2200 lb (1000 kg) Super-Sack	880 to 1100 sq ft (81.8 to 102.2 sq m)

For large scale projects, GATOR AQUA ROCK is also offered in a 2,200 lb (1000 kg) Super-Sack format.

AVAILABLE COLORS

Granite Grey

GATOR BASE™

A GAME CHANGER... WE WILL PROVE IT TO YOU!

4 days of the Gator Base way

equals

5 days of the old way

WATCH OUR MUST-SEE VIDEOS AT **4equals5.com**

SCAN TO WATCH PRODUCT VIDEO

WHAT, HOW, WHY, WHEN, AND WHERE OF GATOR BASE?

Under License from Brock International
Patented and Patents Pending: www.brockpaverbase.com

What is Gator Base?

- Manufactured using lightweight high-density polypropylene
- Has an R-Value of 3.6 which acts as a thermal blanket
- Is extremely durable and will not degrade in the ground
- Equivalent to 288 lb (130 kg) of crushed stone
- Designed with a tongue and groove system LOCK-N-GO
- Replaces 6" (15 cm) of compacted crushed stone
- Evacuates water through the channel and holes
- **Designed for pedestrian applications only**

How does Gator Base work?

Gator Base replaces 6" (15 cm) of crushed stone!

IDEAL FOR:

- Patios
- Pathways
- Pool decks
- Gardens

The excavation needed for both Paver and Natural stone applications of the OLD WAY vs the GATOR BASE WAY. The pavers' or natural stones' height (1 1/8" to 3 1/8" [2.8 to 8 cm]) of Gator Base and bedding sand will determine the total excavation depth needed.

Adding a second bedding sand layer of C-33 1" (25 mm) on top of the Gator Base is also an accepted installation method.

Overlay Application

The ICPI Tech Spec #10 allows the evacuation of the water through 2" (5 cm) drainage holes filled with 1/4" or 3/8" (6 mm or 1 cm) clean stone every 10 ft (3 m) starting at the lowest point. Cover every hole with Gator Fabric GF4.4 (diagram 3A).

For an overlay application over a concrete base, the use of crushed stone to raise the final level is also an accepted installation method (diagram 3B).

PAVER APPLICATIONS

THE OLD WAY	GATOR BASE WAY
COSTLY EXCAVATION, FILL & DUMPING FEES	REPLACES 6 IN (15 CM) OF CRUSHED STONE

DIAGRAM 1

NATURAL STONE APPLICATIONS

THE OLD WAY	GATOR BASE WAY

DIAGRAM 2

DIAGRAM 3A

DIAGRAM 3B

FOLLOW THE TREND!

USE GATOR BASE TO BUILD YOUR SEAT WALL

SCAN TO LEARN MORE

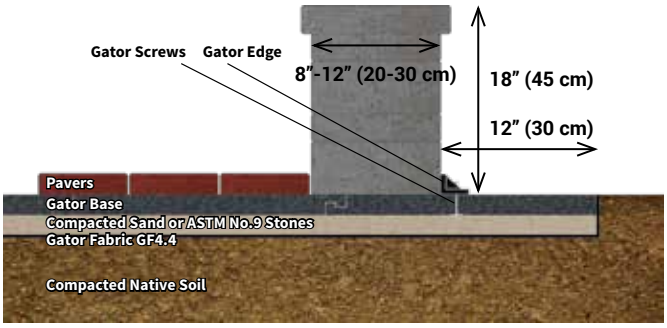
How the Gator Base is an Advantage for Seat Wall or Fire Pit

- Gator Base is made of durable engineered material and will last forever
- Jobs are completed 20% faster than the old way
- Reduces needless excavation
- Reduces the effects of freeze and thaw cycles
- Less destruction on property during installation phase

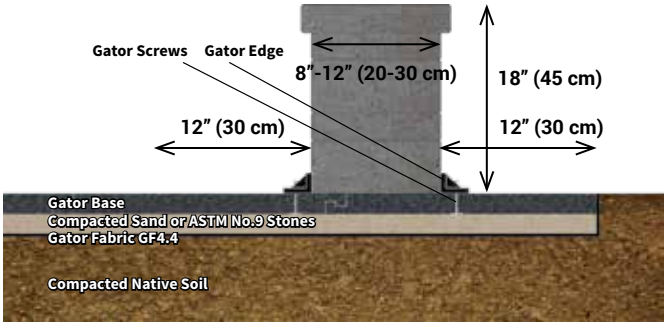
Seating walls, fire pits or pavers applications

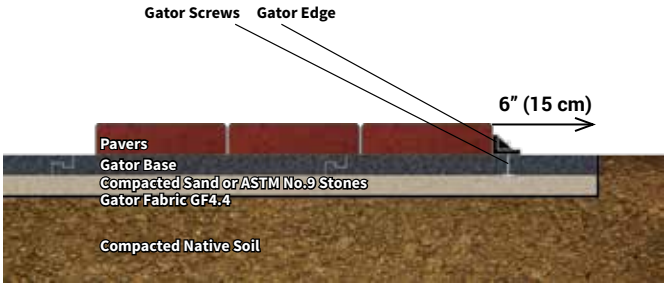
When constructing a seating wall or fire pit, the **Gator Base** should extend the perimeter at least 12" (30 cm) beyond the outside edge of the blocks and 6" (15 cm) when installing pavers. Secure the **Gator Edge** to the sides of the seating wall blocks or pavers with **Gator Base screws** at every second hole to prevent any lateral movement. If you are building a free standing seating wall, the **Gator Base** should protrude 12" (30 cm) from all sides of the seating walls and secured front and back with **Gator Edge** and **Gator Base Screws**.

SEAT WALL WITH PAVERS



FREE-STANDING SEAT WALL





FOLLOW THE TREND!

USE GATOR BASE TO BUILD YOUR FIRE PIT

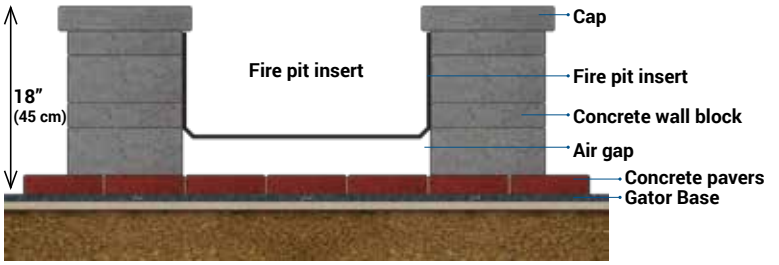
SCAN TO LEARN MORE

When building a fire pit, the important thing to remember is to provide a thermal barrier between the Gator Base and the heat source, as shown in the options below

Option 1

Fire pit insert

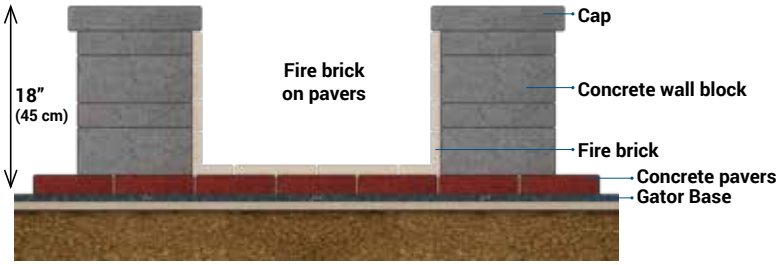
- Regular Gator Base foundation (Diagram 1 or 2)
- Paver thickness ensuring the 1st thermal barrier
- Ensure a minimum air gap of 4" (10 cm) under the fire bowl (2nd thermal barrier)
- Metal fire bowl insert



Option 2

Fire brick on pavers and walls

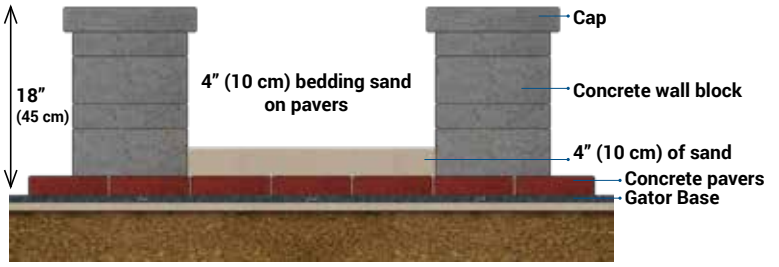
- Regular Gator Base foundation (Diagram 1 or 2)
- Paver thickness ensuring the 1st thermal barrier
- Refractory brick on the sides and the base (2nd thermal barrier)



Option 3

Bedding sand layer on pavers

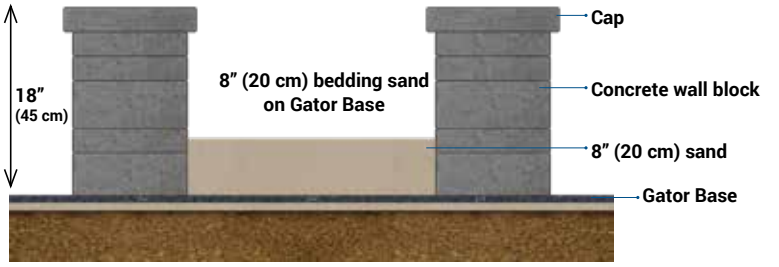
- Regular Gator Base foundation (Diagram 1 or 2)
- Paver thickness ensuring 1st thermal barrier
- 4" (10 cm) 2nd thermal barrier sand



Option 4

Bedding sand layer on Gator Base

- Fire pit built directly on Gator Base foundation
- Thermal barrier created using 8" (20 cm) of sand over the Gator Base



IT'S A BETTER INSTALLATION

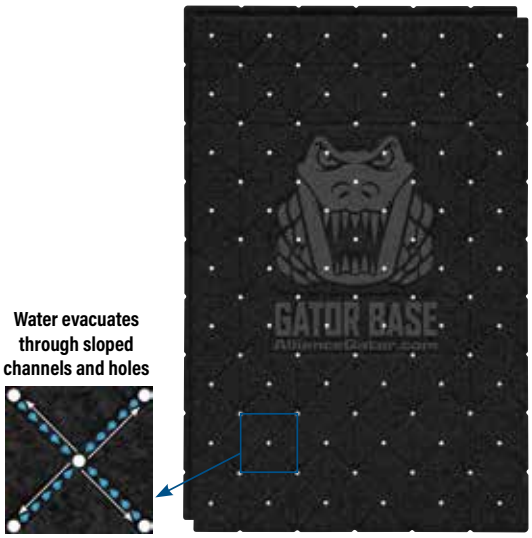
Why use Gator Base?

ENGINEERING

When installing concrete pavers, natural stones, blocks or porcelain tiles, this technology exhibits the memory characteristics of polypropylene and allows the material to retain its original installation. Gator Base panel is equipped with channels for water evacuation along a 1 degree slope as well as 5 drainage holes per 16 sq. in. (103 sq. cm). Gator Base is made of durable engineered material that will last forever.

Final dimensions at installation:

- 5.79 sq ft (0.53 sq m)
- 23.5 in x 35.5 in (60 cm x 90 cm)
- 3/4 in (1.90 cm) thick
- Weight per panel: 1.32 lb (0.60 kg)



- Save 6" (15 cm) of extra excavation
- Save on cost of truck and driver on the road
- Save on wear and tear on machinery
- Save on costly dumping fees
- Save on overall installation time
- Save minimum 20% on labor costs
- Equivalent to a traditional granular base under dynamic loads
- The interlocking panels distribute dynamic loads of up to 8 PSI (55 kPa) or 1152 lb (522 kg) on a 12" x 12" (30 cm x 30 cm) paver to a very wide area, practically eliminating any pressure on the ground
- LOCK-N-GO: designed with a tongue and groove system
- Better frost protection
- Less destructive to property during the construction phase

LOCK-N-GO SYSTEM

The Gator Base with its interlocked paneling system, distributes dynamic loads to a very wide area practically eliminating any pressure on the ground.

GATOR BASE DISPLAY STAND

25"W x 54.5"H x 32"D (63.5 W x 138 H x 81 D cm)

FOLLOW THE TREND!

SCAN TO LEARN MORE

IT'S A BETTER INSTALLATION

Why use Gator Base?

Gator Base saves hours of work!

5 Gator Base

=

29.4 sq.ft. (2.7 sq.m.) and weighs 6.6 lb (3 kg)

=

Installed within minutes!

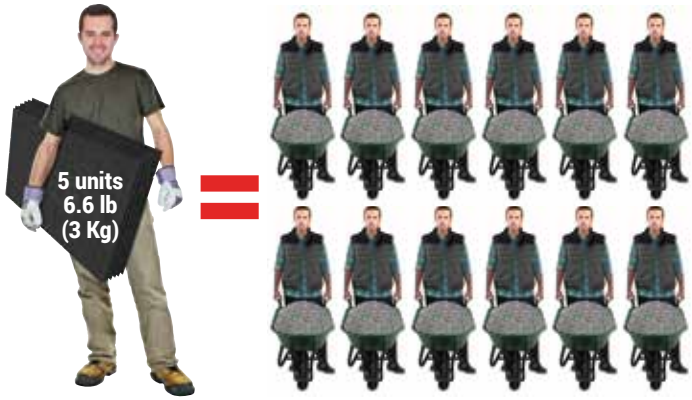
12 wheelbarrows of crushed stone

=

29.4 sq.ft. (2.7 sq.m.) X 6" (15 cm)
and weighs 1440 lb (653 kg)

=

Hours of work!



6.6 LB (3 KG) GATOR BASE — 1440 lb (653 KG) OF CRUSHED STONE

- Job completed minimum 20% faster
- Tolerant against rain showers
- Ideal for large format pavers and slabs
- Stage pavers throughout the Gator Base
- Slide pavers into place
- Not stepping over setting bed
- Can be applied with heated paving system up to 122 °F (50 °C)
- Can support 18˝(45 cm) seat wall and fire pit
- Installation on compacted sand or ASTM No. 9 stone
- Less destructive to property during the construction phase
- The perfect product for hard-to-access areas

PACKAGING

- Retail Size: 24" x 36"
- 10 units per pack
- 120 units per pallet

See installation instructions pages **70-71**

FOLLOW THE TREND!

IT'S A BETTER INSTALLATION

SCAN TO LEARN MORE

When and Where to use Gator Base?

- Installing large format pavers and slabs
- Staging pavers throughout the Gator Base
- Avoid stepping on setting bed
- Material storage is prohibited in streets
- Replaces a traditional granular base
- Completing job minimum 20% faster
- Tolerant against rain showers
- Causing less disturbance and destruction to the property
- For all the following scenarios

THE PERFECT SCENARIOS

DESIGNED FOR PEDESTRIAN APPLICATIONS

No one wants the needless inconveniences or expenses that can come with installing a hardscape project. With Gator Base and its superior design, less excavation means less equipment, faster installation, less disruption, and less physical stress on your customer's property. This translates to a better installation and a beautiful addition to your customer's home that they will enjoy for many years to come.

Patios

Around pools

Pathways

Outdoor living areas

Narrow Areas

Natural stone application

Porcelain tile application

THE CONTRACTORS SHARE THE
WHAT, HOW, WHY, WHEN, AND WHERE OF GATOR BASE
CONTRACTORS TESTIMONIALS

"Much easier and faster to lay the paver down."

"I just absolutely love it around a pool! Perfect product for the base."

"You stage pavers throughout the job without damaging your prep work. Big time savings!"

"A better, faster, more economical installation system, that's all that I have to say."

"No more 9 to 10 inches of excavation! When you're excavating material and have to go dump it. Absolutely there's savings there."

1. We like the idea of sliding the pavers in place. This also allows us to walk on the Gator Base, which would be impossible to do with the bedding course. Gator Base is a time saver and reduces the installation time and labor cost.
2. I now also need less manpower for the same project, Gator Base compensates for the labor shortage.
3. I like using the Gator Base. This saves me a lot of transport on the excavation... This is really a game changer in the hardscape industry.
4. A fantastic product ... I recommend !
5. I was very suprised to see how Gator Base made it so easy. This is a brillant idea!
6. Using the same crew, the project was finished in half the time !
7. Gator Base is perfect! It reduces the use of the equipment, the excavation, quantity of material to dispose, easier to install and a better production of my crew.
8. I've been using Gator Base since 2014 on my projects, I save on average 30% of labor. So every 4th job my labor is ZERO. So I increase my margins. Gator Base is the solution!
9. Since 2014 100% of my customers and myself are satisfied with their Gator Base installation!
10. I don't have to excavate 9-10 inches anymore.
11. In summary, Gator Base is a better installation, it is faster and you save money!
12. I like the Gator Base, this is the perfect product to use to reduce the excavation and the layer of compaction. This is Genius!

Sand or ASTM No. 9 Stone can be used under Gator Base panels

GATOR TILE SYSTEM

GATOR TILE SYSTEM

Innovative and durable system for outdoor porcelain tile installation

What is the Gator Tile System?

The Gator Tile System is a comprehensive line of products to help you install outdoor pocelain tiles with precision, beauty and long-lasting stability. Easy to use, saving you overall installation time and labor costs while giving you the most professional-looking results.

Why would I use it?

- Facilitates the installation of outdoor porcelain tiles
- Easiest outdoor tile installation system
- To complete the job 20% faster
- To have an insulation with a 3.6 R-value
- To replace an equivalence of 6" (15 cm) of crushed stone
- To have a lock-in system with the glue, spacers and the tile, creating a monolithic surface

Where would I use it ?

- Ideal for large-format porcelain tiles
- Residential applications
- All pedestrian uses: patio, pool deck, walkway

How would I use it?

- To replace a concrete slab
- One Gator Base panel replaces the equivalent of 288 lb (130 kg) of crushed stone
- It is designed with a tongue-and-groove system
- It evacuates water through the channel
- It is environmentally friendly and 100% recyclable

See installation instructions pages **72-73**

TO BETTER UNDERSTAND THE SYSTEM, SEE VIDEO AT FLEX-LOCK.COM/GATOR-TILE-SYSTEM

GATOR TILE SYSTEM 7 COMPONENTS

GATOR FABRIC GF4.4
Prevents the bedding sand from migrating into the native soil.

GATOR BASE
Engineered to replace an equivalent of 6" (15 cm) of compacted crushed stone.

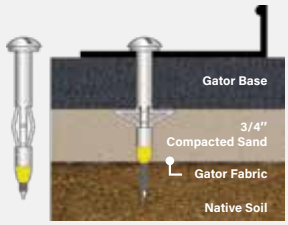
Under License from Brock International- Patented and Patents Pending: www.brockpaverbase.com

GATOR BLOCK BOND XP ADHESIVE
Ensures mechanical binding and structural integrity of the system.

GATOR SPACER
Provides uniform spacing and unparalleled horizontal and vertical stability to the system.

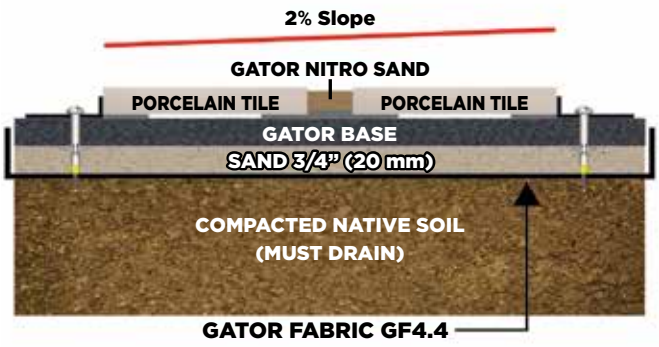
GATOR TILE EDGE
Reinforces the perimeter providing stability and creating a strong lateral support with a mechanical bond of the Gator Tile Edge, Gator Base and the Gator Base screws.

5/8″ (15 mm) height



GATOR BASE SCREWS
Fastening Gator Edge with the Gator Base Screws through the Gator Base, creating a strong lateral support.

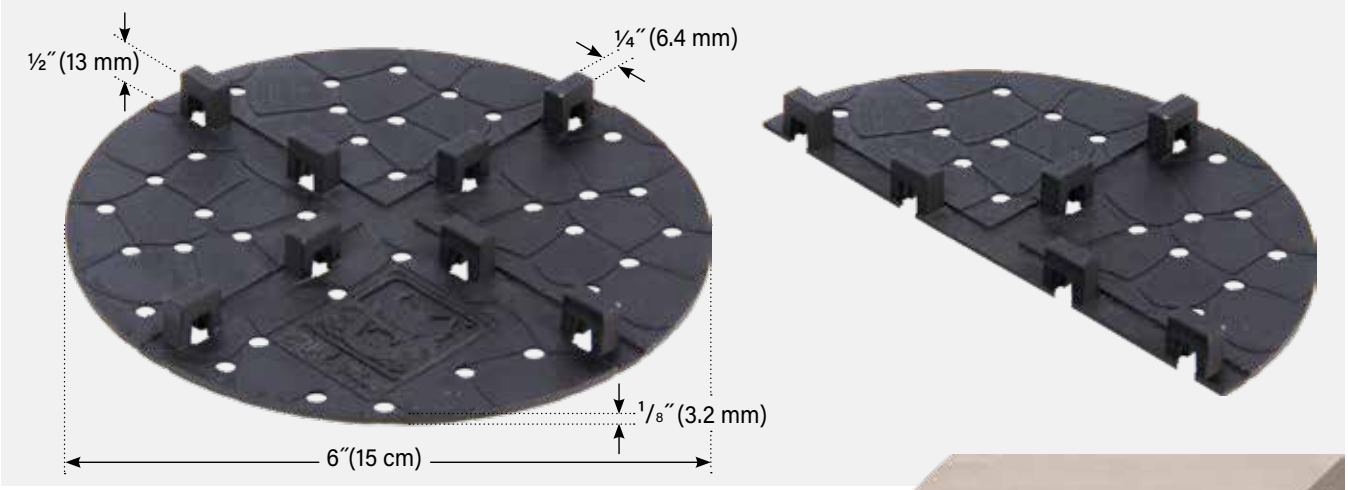
GATOR NITRO SAND
The ideal air cure, permeable jointing material. It is a ready-to-use mixture of calibrated sand and proprietary resin formula which cures when exposed to air, hardening from top to bottom of the joint. The product can be installed in wet or dry weather.



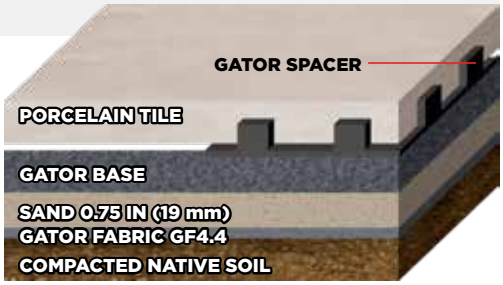
Sand or ASTM No. 9 Stone can be used under Gator Base panels

GATOR SPACER

Provides uniform spacing, alignment with horizontal and vertical stability



The spacer can be cut into either a half or a quarter-unit (using an utility knife) to be used along the edge of a building or the Gator Tile Edge. Simply break the spacer bars to obtain a flat disk, when spacer is needed on larger porcelain tile.



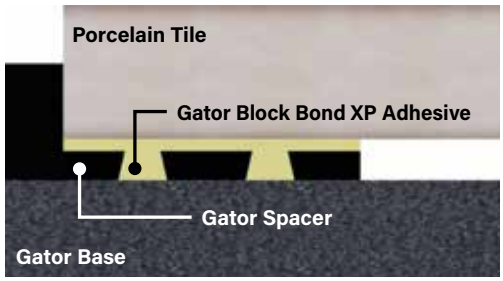
AVAILABLE IN THREE JOINT SIZES

- 1/8″ (3.2 mm) Blue
- 3/16″ (4.8 mm) Grey
- 1/4″ (6.4 mm) Black

PACKAGING

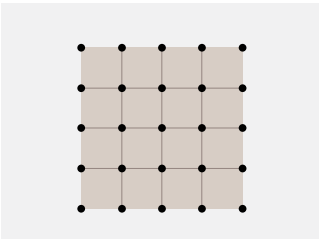
- 50 units per bag
- 6 bags per box

TILE SECURE LOCK

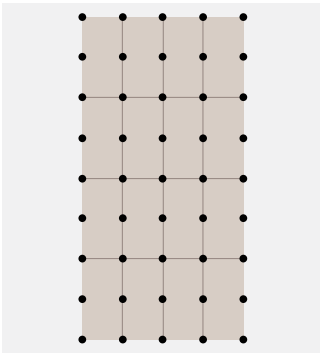


Gator Block Bond XP penetrates into the concave holes, adhering the Porcelain tile to the Gator Tile Spacer, then hardens. This allows the tile to minimize any horizontal or vertical movements.

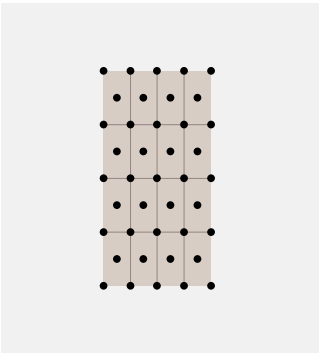
GATOR SPACER CALCULATOR



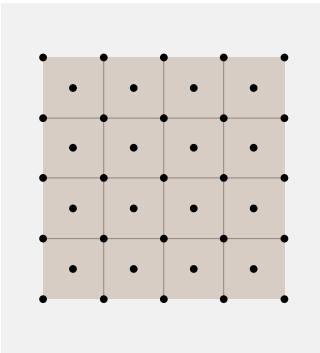
16″x 16″ (40 x 40 cm) tiles
18″x 18″ (46 x 46 cm) tiles
20″x 20″ (50 x 50 cm) tiles
24″x 24″ (60 x 60 cm) tiles
sq.ft.× 0.4 = number of spacers
(m^2 × 4.3 = number of spacers)



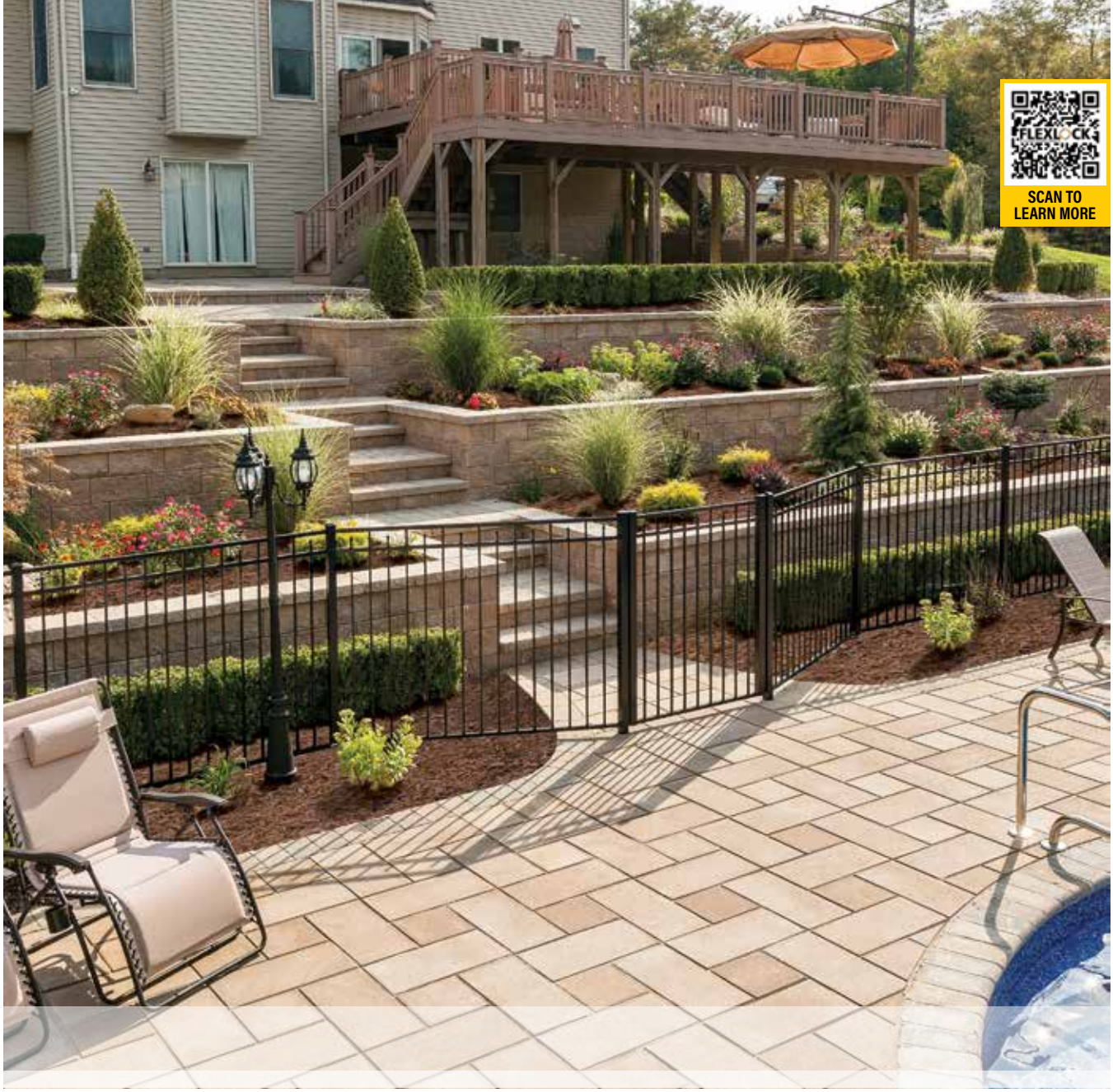
24″x 48″ (60 x 120 cm) tiles
sq.ft.× 0.35 = number of spacers
(m^2 × 3.77 = number of spacers)



16″x 32″ (40 x 80 cm) tiles
sq.ft.× 0.75 = number of spacers
(m^2 × 8 = number of spacers)



36″x 36″ (80 x 80 cm) tiles
sq.ft.× 0.29 = number of spacers
(m^2 × 6 = number of spacers)



SCAN TO LEARN MORE

GATOR GRID & GATOR FABRIC

Alliance GATOR GRIDS, are pliable; stay 100% flat during installation and are biaxial geo-grid, offering: equal strength in both direction, longevity, excellent stress transfer and prevents failure of the internal structure of retaining walls being single or multi levels and controlling erosion in steep slopes applications.

Alliance GATOR FABRICS the solution in geotextile; offering your internal structure project drainage, filtration, soil separation, erosion control and ideal for staircase, patios, walkways, driveways and retaining wall.

GATOR GRID BIAXIAL GATOR GRID

Gator Grid GG 30-30 and GG 50-50 ; Industry's easiest-to-use grid, with improved flexibility and no memory; stays in place like no other on the market!

GG 30-30 BIAXIAL STAIRCASES & HIGH RETAINING WALLS

2052 LBF/FT (29,754 kg/s²)

Gator Grid GG 30-30*, a biaxial geogrid, provides strength, longevity, excellent stress transfer and prevents failure of the internal structure of landing areas, retaining walls. As a biaxial geogrid, GG 30-30 has a high molecular weight as well as high-tenacity polyester yarns which are woven in tension and finished with a PVC coating.

PACKAGING

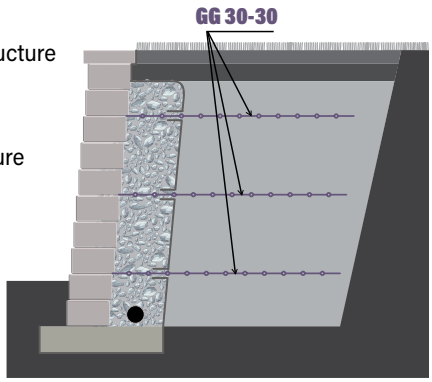
NGG3030-04050	4´ x 50´ (1.2 x 15 m)	15 per box - 60 per pal
NGG3030-06050	6´ x 50´ (1.8 x 15 m)	42 per pal
NGG3030-06150	6´ x 150´ (1.8 x 45 m)	30 per pal
NGG3030-12150	12´ x 150´ (3.6 x 45 m)	6 per pal

FEATURES

- Biaxial: can be installed in both directions
- Pliable, stay 100% flat during installation, will not curl up on itself
- Ageing resistant
- High tensile strength
- Adds strength, stability and longevity
- Helps reduce stress and load transfer to the structure
- Soil separation for added stability

APPLICATIONS

- Staircase internal structure
- Raised patio internal structure
- Retaining wall structure
- Soil stability
- Erosion control
- General landscape



GG 50-50 BIAXIAL MULTI-LEVEL STRUCTURAL ENGINEERED WALLS

3420 LBF/FT (49,590 kg/s²)

Gator Grid GG 50-50*, a biaxial geogrid, provides strength, longevity, excellent stress transfer and prevents failure of the internal structure of high retaining walls being single or multi levels and controlling erosion in steep slopes applications. As a biaxial geogrid, GG 50-50 has a high molecular weight as well as high-tenacity polyester yarns which are woven in tension and finished with a PVC coating.

PACKAGING

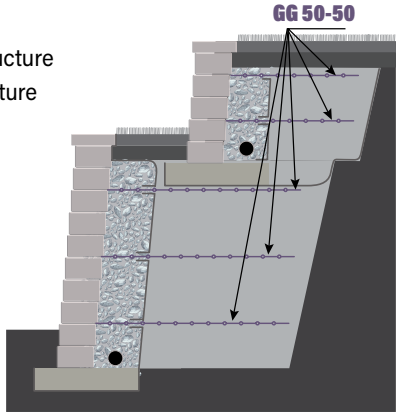
NGG5050-06150	6´ x 150´ (1.8 x 45 m)	30 per pal
NGG5050-12150	12´ x 150´ (3.6 x 45 m)	5 per pal

FEATURES

- Biaxial: can be installed in both directions
- Pliable, stay 100% flat during installation, will not curl up on itself
- Ageing resistant
- High tensile strength
- Adds strength, stability and longevity
- Easily combined with gravel and soil
- Helps reduce stress and load transfer to the structure
- Soil separation for added stability

APPLICATIONS

- Raised patio internal structure
- High retaining wall structure
- Multilevel wall structure
- Roadway structure
- Parking space structure
- General landscape
- Soil stability
- Erosion control



* Disclaimer for all Gator Grids
The soil composition may vary from location to location. Global stability of the soil has not been considered. It is the owner's responsibility to take into consideration the soil parameters indicated on the label and to ensure that the soil's properties meet construction standards. A soil analysis must be done before starting any wall project. Before the construction of your segmental wall and before using any type of Gator Grid and establishing the placement, consult a qualified local engineer and obtain a stamped plan. To ensure the structural integrity of your segmental retaining wall, follow manufacturer instructions and installation steps for the construction of your wall. These placement tables are not to be used on multi-tiered walls or in areas with excess water runoff, seepage or springs, unless first otherwise confirmed by a qualified local engineer. Additional Gator Grid than what appears on the label may be required in your application. This document should not be construed as engineering advice. We assume no liability of any kind if the instructions in the present disclaimer are not followed or if the owner's use of the product is different than the one for which it is intended.

SPUNBOND

GATOR FABRIC

The best solution for garden and landscape coverings

SCAN TO LEARN MORE

GF 3 SPUNBOND

GARDEN & LANDSCAPE COVERINGS

20 YEARS

Gator Fabric GF3** is a Spunbond fabric (Thermal, at-bonded) made of polyester that allows air and water to pass through and reach the plant. It's formulated to resist deterioration due to exposure to ultraviolet light, mildew, non-biodegradable and is inert to commonly encountered soil chemicals. Gator Fabric GF3 is commonly used as weed barriers in landscape, planting bed, under mulch, decorative rock and has an expected 20-year lifespan.

PACKAGING

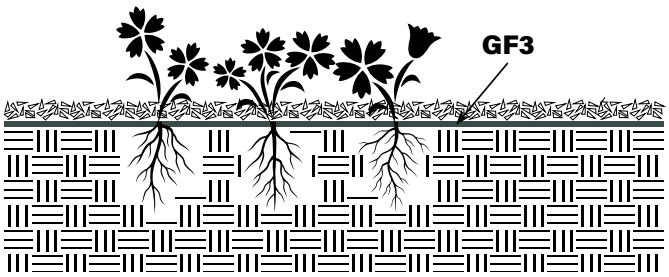
NGF3-0305000	3´ x 50´ (0.9 x 15 m)	35 per box - 140 per pal
NGF3-0310000	3´ x 100´ (0.9 x 30 m)	16 per box - 64 per pal
NGF3-0405000	4´ x 50´ (1.2 x 15 m)	35 per box - 140 per pal
NGF3-0410000	4´ x 100´ (1.2 x 30 m)	16 per box - 64 per pal
NGF3-0610000	6´ x 100´ (1.8 x 30 m)	40 per pal

FEATURES

- Easy to cut
- Tear-resistant
- Insert to biological degradation
- Insert to soil chemicals (Alkalis, Acids)
- Creates a barrier that reduces weed growth
- Allows water, fertilizer and air to pass through

APPLICATIONS

- Weed control & soil separation
- Flower beds & mulched area
- Garden landscape covering



GATOR FABRIC NON-WOVEN

SCAN TO LEARN MORE

The best solution for drainage, separation, filtration and protection of any soil structure

GF 3.5 NON-WOVEN
PATIOS & WALKWAYS
80 LBF (1,167 kg/s²)

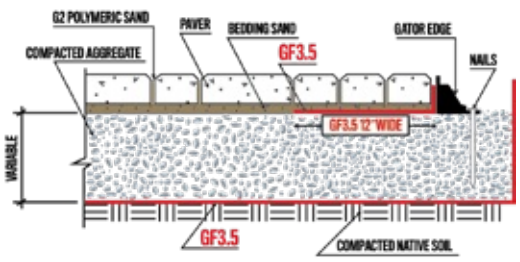
Gator Fabric GF 3.5** Non-Woven geotextile is ideal for drainage, filtration and will allow water flow in paver or retaining wall applications. Its staple fibers are used for soil separation and drainage. They combine high durability along with excellent physical and hydraulic properties. It is non-biodegradable and resistant to most soil chemicals.

PACKAGING

NGF35NW-03100	3´ x 100´ (0.9 x 30 m)	6 per box - 24 per pal
NGF35NW-04100	4´ x 100´ (1.2 x 30 m)	6 per box - 24 per pal
NGF35NW-06100	6´ x 100´ (1.8 x 30 m)	30 per pal
NGF35NW-06300	6´ x 300´ (1.8 x 90 m)	16 per pal
NGF35NW-12400	12´ x 400´ (3.6 x 120 m)	3 per pal

FEATURES
- Specially treated to be hydrophilic, it allows high-water flow (165 gallons per minute per foot/750 L per minute per 30 cm)
- Drainage and filtration
- Soil separation
- Erosion control

APPLICATIONS
- Staircase
- Patio and walkway
- Low retaining wall
- Garden and hardscape covering



GF 4.4 NON-WOVEN
PATIOS, WALKWAYS & DRIVEWAYS
100 LBF (1,459 kg/s²)

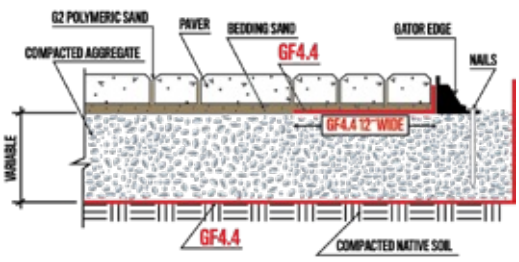
Gator Fabric GF 4.4** Non-Woven geotextile is ideal for drainage, filtration and will allow water flow in paver or retaining wall applications. Its staple fibers are used for soil separation and drainage. They combine high durability along with excellent physical and hydraulic properties. It is non-biodegradable and resistant to most soil chemicals.

PACKAGING

NGF44NW-03100	3´ x 100´ (0.9 x 30 m)	6 per box - 24 per pal
NGF44NW-04100	4´ x 100´ (1.2 x 30 m)	6 per box - 24 per pal
NGF44NW-06100	6´ x 100´ (1.8 x 30 m)	30 per pal
NGF44NW-06300	6´ x 300´ (1.8 x 90 m)	16 per pal
NGF44NW-12400	12´ x 400´ (3.6 x 120 m)	3 per pal

FEATURES
- Specially treated to be hydrophilic, it allows high-water flow (135 gallons per minute per foot/613 L per minute per 30 cm)
- Drainage and filtration
- Soil separation
- Erosion control

APPLICATIONS
- Staircase
- Patios, walkways and driveways
- Retaining wall
- Gator Base applications
- Garden and landscape covering



GATOR FABRIC POLYSPUN

The best solution for garden and landscape coverings

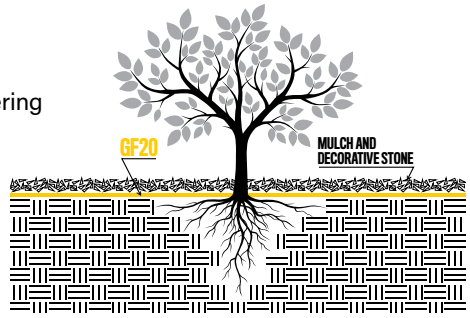
SCAN TO LEARN MORE

GF 20 POLYSPUN
FLOWER BEDS
20 YEARS

Gator Fabric GF 20** polyspun is an excellent geotextile that protects against the growth of weeds. It is specially formulated to resist deterioration due to exposure to ultraviolet light and is inert to commonly encountered soil chemicals. GF 20 polyspun fabric will not rot or mildew, and is non-biodegradable. Comes with a 20-year warranty.

FEATURES
- Soil separation
- Reduce weed growth
- Allows water, fertilizer and air to pass through

APPLICATIONS
- Garden
- Flower bed
- Landscape covering



PACKAGING

NGF20-0305000	3´ x 50´ (0.9 x 15 m)	16 per box - 64 per pal
NGF20-0310000	3´ x 100´ (0.9 x 30 m)	9 per box - 36 per pal
NGF20-0405000	4´ x 50´ (1.2 x 15 m)	16 per box - 64 per pal
NGF20-0410000	4´ x 100´ (1.2 x 30 m)	9 per box - 36 per pal
NGF20-0610000	6´ x 100´ (1.8 x 30 m)	30 per pal

GATOR FABRIC WOVEN

Woven fabric for paver installations and retaining walls

SCAN TO LEARN MORE

GF 5 WOVEN FABRIC
DRIVEWAYS
200 LBF (2,919 kg/s²)

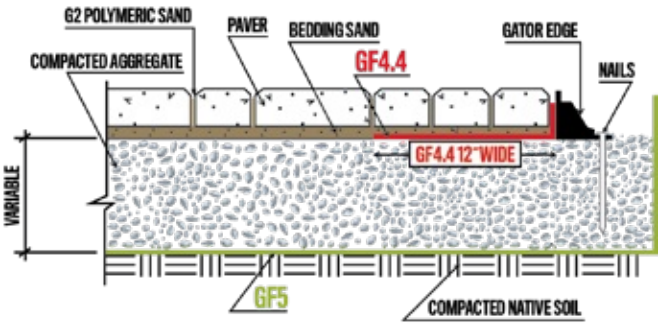
Gator Fabric GF 5** is a woven geotextile made from polypropylene yarns, forming a stable and durable network such that the yarns retain their relative position. It provides separation for good subgrades by preventing mixing of subgrade soils. A woven geotextile can achieve higher tensile strength at low elongation, known as high modulus. It is inert to biological degradation and resistant to naturally occurring chemicals, alkali and acid.

FEATURES
- Reinforcement
- Soil separation
- High tensile strength
- High load capacity
- Extra resistant to punctures and tears

APPLICATIONS
- Driveways and parking lots
- Poor soil foundation reinforcement, (clay soils)
- Leveling pad retaining wall foundation
- Permeable foundation applications of driveway, parking space and more

PACKAGING

NGF5W-0410000	4´ x 100´ (1.2 x 30 m)	9 per box / 36 per pal
NGF5W-0625100	6.25´ x 100´ (1.875 x 30 m)	30 per pal
NGF5W-0625300	6.25´ x 300´ (1.875 x 90 m)	20 per pal
NGF5W-1254320	12.5´ x 432´ (3.75 x 129.6 m)	4 per pal



CROSS-REFERENCE CHART FOR GATOR FABRICS AND GATOR GRIDS

Alliance Gator			Comparative Products									
Category	Product	Application	SRW	Tencate	Hanes	Strata	Texel (Lydall)	Synteen	Tensar	Carthage Mills	Geostar	Dewitt
Gator Fabric	GF 3 (20 years) Spunbond	Separation & Weed Control	SB3	N/A	ProSteel+/ ProSilver+	N/A	N/A	N/A	N/A	LX-SB30	N/A	Profesionnal Landscape Fabric (3.0 oz)
	GF 3.5 (80 Lbf) Non-Woven	Drainage & Filtration	LS3	Mirafi 135 N	Terratex no. 3	StrataTex ST-131	TEX-500	N/A	N/A	FX-30HS	Geostar GN 31	DNG 105
	GF 4.4 (100 Lbf) Non-Woven	Drainage & Filtration	NW4	Mirafi 140 NC	Terratex SD/4.5	StrataTex ST-140	TEX-700N	N/A	N/A	FX-40HS	Geostar GN 40	DNG 120
	GF 5 (200lbf) Woven	Stability & separation of subgrade in paver or wall foundations	SS5	Mirafi 500 X	Terratex GS	StrataTex SW-200	SX-90T	N/A	N/A	Slit Film FX-55	GeoWeave 40	DNG 200
	GF 20 (20 years) Polyspun	Separation & Weed Control	Polyspun 15 years	N/A	Pro Ion 20 years	N/A	N/A	N/A	N/A	N/A	N/A	Weed-Barrier Pro Black (3 oz)
Gator Grid	GG 30-30 (2052 lbf/ft) Biaxial	Segmental retaining wall, erosion control	3 series Biaxial	Miragrid 2XT Biaxial	Terragrid SX-3030 Biaxial	Microgrid/ SG-150 Biaxial	BX-1200 T2 Biaxial	Synteen SF 11 Biaxial	BX-1500 Biaxial	GBX-3030 Biaxial	MG-100 Biaxial	N/A
	GG 50-50 (3420 lbf/ft) Biaxial	Segmental retaining wall, erosion control & more	5 series Uni-Axial	Miragrid 3XT Uni-Axial	N/A	Stratagrid 200 Uni-Axial	BX-1500 T3 Biaxial	Synteen SF 35 Uni-Axial	UX-1100/ UX-1400 Uni-Axial	GX-300 Uni-Axial	HP-200 Uni-Axial	N/A

** Disclaimer for all Gator Fabrics
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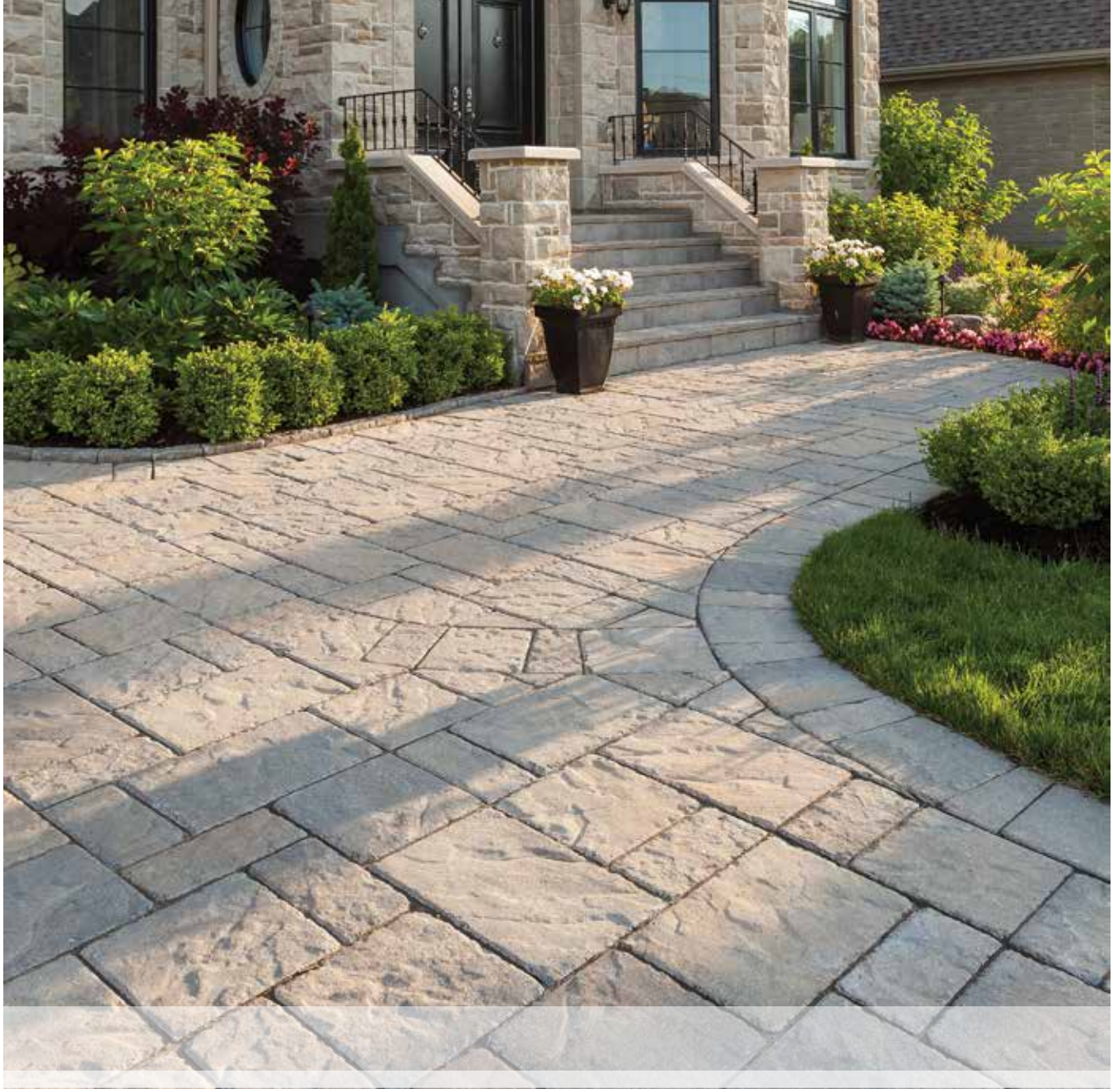


GATOR CLEAN

GATOR CLEANERS

For concrete pavers, wet cast products and natural stones

See installation instructions pages **76-77**

SEE VIDEO AT FLEX-LOCK.COM

STRONGER CLEANING FORMULA BUT GENTLE TO THE PAVERS

EFFLORESCENCE

FEATURES

- Removes efflorescence from the surface of concrete pavers and natural stones
- Cleans pavers prior to sealing
- Removes penetrated dirt
- Restores pavers to their natural color
- No hydrochloric acid in product

PACKAGING

- Retail size: 1 US gallon (3.78 L) & 5 US gallon (18.9 L)
- 4 units of 1 US gallon (3.78 L) per box
- 24 boxes per pallet
- 48 units of 5 US gallon (18.9 L) per pallet

SHAMPOO

FEATURES

- Removes penetrated dirt
- Restores pavers to their natural color
- No hydrochloric acid in product

PACKAGING

- Retail size: 1 US gallon (3.78 L) & 5 US gallon (18.9 L)
- 4 units of 1 US gallon (3.78 L) per box
- 24 boxes per pallet
- 48 units of 5 US gallon (18.9 L) per pallet

SCAN TO LEARN MORE

EFFLORESCENCE & SLURRY REMOVER

FEATURES

- Slurry remover
- Removes efflorescence from the surface of concrete pavers, wet cast products & natural stones
- Cleans approx. 1800 sq.ft. (167 sq. m.)
- Washes off with water
- **This product will etch pavers if not diluted accordingly**

PACKAGING

- Retail size: 5 US gallon (18.9 L)
- 48 units of 5 US gallon (18.9 L) per pallet

SPRAYER FEATURES

- Easy to use, provides an accurate water-to-cleaner mix
- Connects directly to your garden hose
- Use with Gator Shampoo or Gator Efflorescence Cleaner

PACKAGING

- 12 units per box

XP OIL & GREASE REMOVER

FEATURES

- No scrubbing, no rinsing, no mess
- Just shake it, spread it on the stain, let it dry and sweep it off
- Easily lifts and absorbs embedded oil stains as it dries from liquid to powder

PACKAGING

- Retail size: 1 quart (946 mL)
- 6 units per box / 24 boxes per pallet

RUST REMOVER

FEATURES

- Removes the spots caused by steel, water build-up, fertilizer, etc
- Contains no muriatic acid
- Easy to use

PACKAGING

- Retail size: 1 quart (946 mL)
- 6 units per box / 24 boxes per pallet

RUBBER, PAINT & TAR REMOVER

FEATURES

- Washes off with water
- Easy to use
- Emulsifies some sealers
- Remover and cleaner for bonding agent
- Cleans sealing tools such as sprayer

PACKAGING

- Retail size: 1 quart (946 mL)
- 6 units per box / 24 boxes per pallet

GATORENE

FEATURES

- Degreases and cleans tools
- Thins specialty coatings
- Flushes metal sprayers

PACKAGING

- Retail size: 3.78 L (1 U.S. gal.)
- 4 units per box
- 24 boxes per pallet

SEE VIDEO AT FLEX-LOCK.COM

GATOR CLEANERS & SEALERS DISPLAY STAND

Cleaner/Sealer Display Stand | 52″W x 77″H x 24″D (132 W x 195 H x 61 D cm)

SCAN TO LEARN MORE

GATOR SEAL

SOLVENT-BASED SEALERS

For dry cast concrete pavers

Gator Sealers are made from acrylic-based polymers. Gator Sealers penetrates deep into the concrete pavers, thus reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt. Gator Seal Wet Look and Satin Look are specifically formulated to be used on unsealed surfaces only. Gator Seal Resealer will penetrate the formula of the existing solvent based sealer and reactivate the molecules to create a rejuvenated seal and protect the surfaces.

WET LOOK

- High Gloss
- Vibrant Color Enhancer
- Joint stabilizer
- Film Former

SATIN LOOK

- Low Gloss
- Subtle Color Enhancer
- Joint stabilizer
- Film Former

RESEALER

- Revives Look

COMMON FEATURES

- Easier to clean and maintain
- Solvent-based
- Rain-safe after 90 minutes
- Works between 60°F (16°C) and 85°F (29°C)

HELPS RESIST

- Corrosion from de-icing salt
- Ultraviolet rays effects
- Motor oil and grease stains

COVERAGE

- Seals approx. 175 sq ft (16 sq m) per gallon (3.78 L)
- Will vary depending on porosity of pavers

PACKAGING

- Retail size: 1 US gallon (3.78 L) & 5 US gallon (18.9 L)
- 4 units of 1 US gallon (3.78 L) per box
- 24 boxes per pallet
- 48 units of 5 US gallon (18.9 L) per pallet

See installation instructions page **78**

SEE VIDEO AT FLEX-LOCK.COM

GATOR HYBRID SEAL

SCAN TO LEARN MORE

WATER BASED SEALERS

For dry cast concrete pavers

HYBRID HIGH GLOSS +COLOR ENHANCER

HYBRID LOW GLOSS +COLOR ENHANCER

Gator Hybrid Sealers + Color Enhancer

Gator Hybrid Sealers + Color Enhancer are 100% pure high-grade acrylic used to seal concrete pavers. It penetrates deep into the concrete paver pores, reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

- High gloss finish
- Vibrant color enhancement

- Low gloss finish
- Vibrant color enhancement

HYBRID HIGH GLOSS

- High gloss
- No color enhancement

HYBRID LOW GLOSS

- Low gloss
- No color enhancement

Gator Hybrid Sealers are 100% pure high-grade acrylic used to seal concrete pavers. It penetrates deep into the concrete paver pores, reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

COMMON FEATURES

- Helps resist corrosion from de-icing salt, ultraviolet rays effects, motor oil and grease stains
- Works above 40°F (5°C)
- Film former
- Joint stabilizer
- Will not discolor
- Rapid Installation
- Low VOC
- Rain-safe after 24 hours

PACKAGING

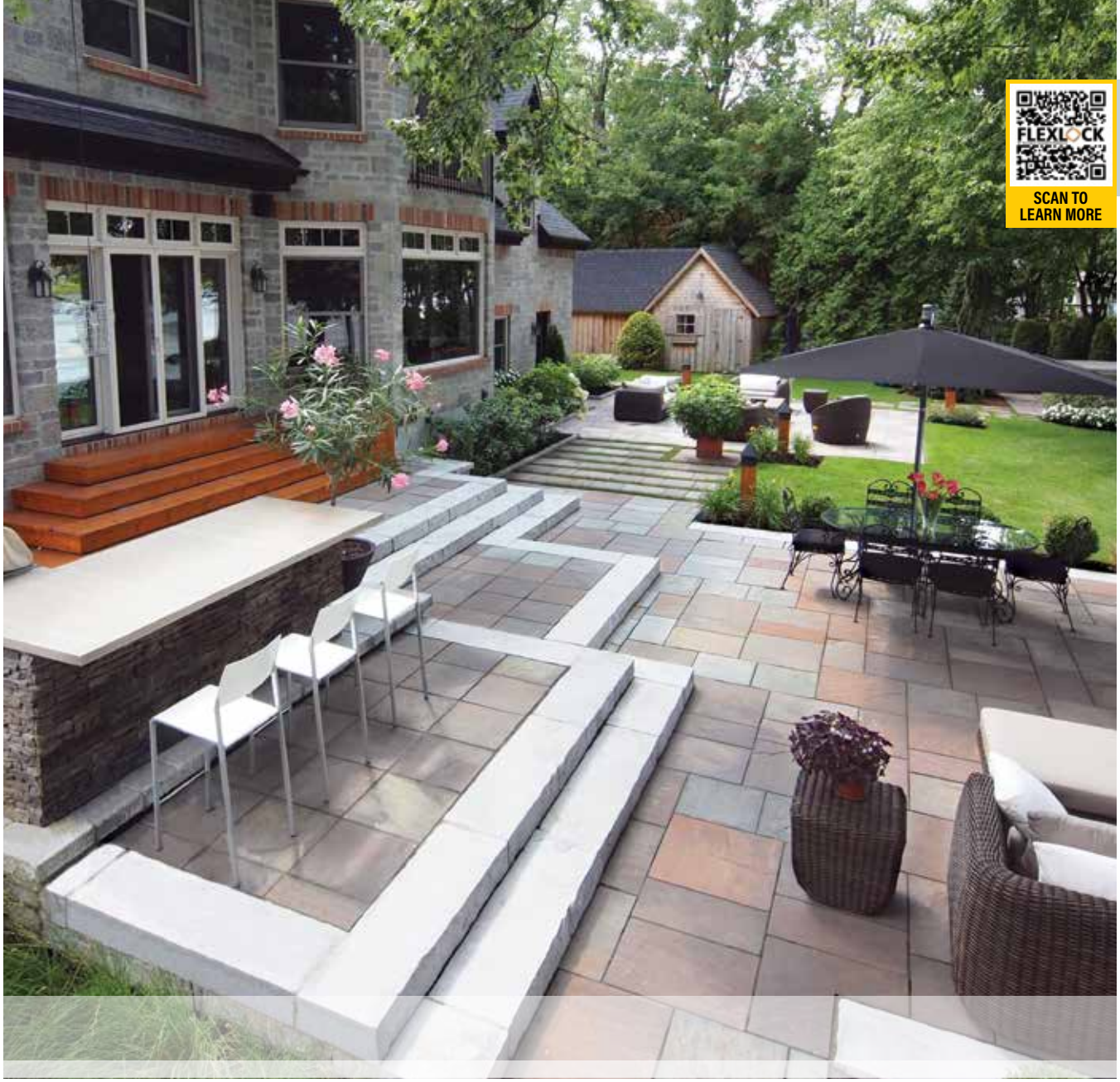
- Retail size: 1 US gallon (3.78 L) & 5 US gallon (18.9 L)
- 4 units of 1 US gallon (3.78 L) per box, 24 boxes per pallet
- 48 units of 5 US gallon (18.9 L) per pallet

COVERAGE

Coverage will vary depending on joint size and porosity of the surface of the pavers (approx. 100-225 sq. ft. per gallon / 9.3–20.9 m^2 per 3.78 L)

See installation instructions page **78**

SEE VIDEO AT FLEX-LOCK.COM



SCAN TO LEARN MORE

GATOR SEAL™

SIGNATURE SERIES

THE PREMIER LINE OF SEALANTS
for every conceivable paver installation

See installation instructions pages **79-80**

SCAN TO LEARN MORE

NATURAL STONE
LOW GLOSS

+COLOR ENHANCER

Gator Seal Signature Series for Natural Stone is a color enhancer and is made of silicone-based polymers. This sealer penetrates deep into the natural stone, reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

FEATURES
- Non-film former
- Vibrant color enhancer
- Apply on dry surface only
- Works at above 40°F (4°C)
- Rain-safe after 24 hours
- Easier to clean and maintain
- For use on salt-water pool patio areas
- Water-based, Zero Gloss
- Darkens the color (wet look)
- UV-resistant
- Stain protection

PACKAGING
- Retail size: 1 US gallon (3.78 L) & 5 US gallon (18.9 L)
- 4 units of 1 US gallon (3.78 L) per box, 24 boxes per pallet
- 48 units of 5 US gallon (18.9 L) per pallet

COVERAGE
- Granite: 400-600 sq. ft. per gal. / 37.1–55.7 m^2 per 3.78 L
- Travertine: 500-700 sq. ft. per gal. / 46.4–65 m^2 per 3.78 L
- Limestone: 300-500 sq. ft. per gal. / 27.9–46.4 m^2 per 3.78 L
- Sandstone: 200-400 sq. ft. per gal. / 18.6–37.1 m^2 per 3.78 L
- Bluestone: 200-400 sq. ft. per gal. / 18.6–37.1 m^2 per 3.78 L
- Coverages are approximate and will vary based on stone porosity, joint width and other factors.

NATURAL LOOK
NATURAL LOOK FINISH ZERO GLOSS

MULTI-PURPOSE

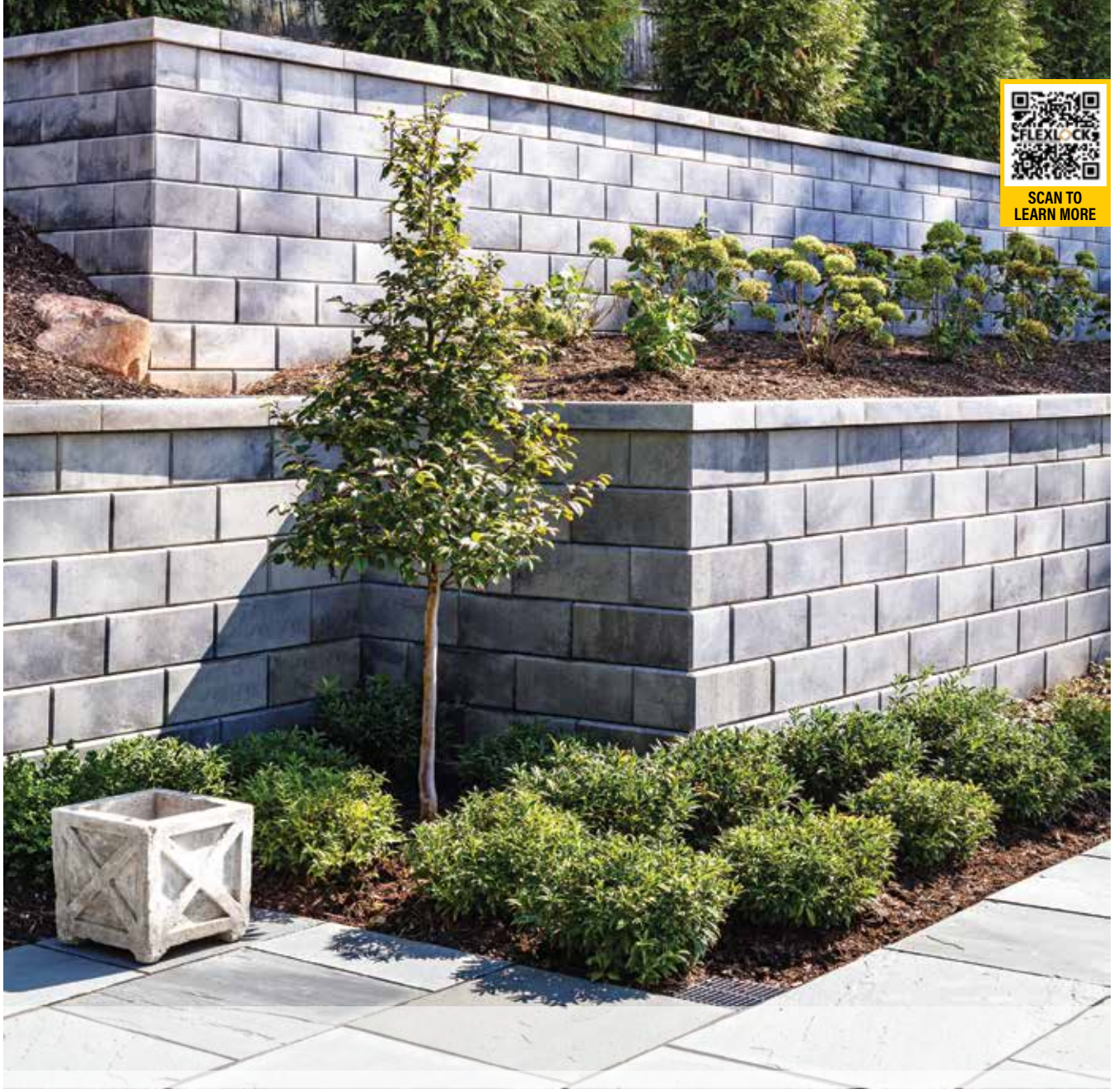
Gator Seal Signature Series Natural Look is made from fluorochemical polymers. This sealer penetrates deep into the concrete pavers, walls, masonry and natural stones, reducing the oil and dirt penetration, as well as protecting them from the corrosion of de-icing salt.

FEATURES
- Non-film former
- Applicable on damp surfaces
- Works above 32°F (0°C)
- Rain-safe after 24 hours
- Zero VOC
- Water based sealer Natural Look
- Helps resist stains up to 10 years

PACKAGING
- Retail size: 1 US gallon (3.78 L) & 5 US gallon (18.9 L)
- 4 units of 1 US gallon (3.78 L) per box, 24 boxes per pallet
- 48 units of 5 US gallon (18.9 L) per pallet

COVERAGE
- Seals approx. 175 sq. ft. (16 sq. m) per gallon (3.78 L)

SEE VIDEO AT FLEX-LOCK.COM



SCAN TO LEARN MORE

GATOR BLOCK BOND™

GATOR BLOCK BOND XP

FASTEST SETTING GLUE IN THE INDUSTRY

XP XTRA PERFORMANCE POLYURETHANE LOW VOC

LOW VOC | WORKS ABOVE 32°F 0°C | PERMANENT BOND 24h

Gator Block Bond XP Polyurethane Adhesive, Low VOC is one of the strongest polyurethane adhesives on the market. It is specially formulated for overlays, pool copings, steps and wall caps, concrete pavers, wet cast, natural stones, retaining walls, masonry units and bricks. Gator Block Bond XP Polyurethane Adhesive, Low VOC is formulated to provide a permanent bond in 24 hours to the above materials if properly installed.

ADHESIVE DISPLAY STAND

SCAN TO LEARN MORE

23.5″W x 59″H x 20.75″D
(59.7 W x 150 H x 52.7 D cm)

COVERAGE

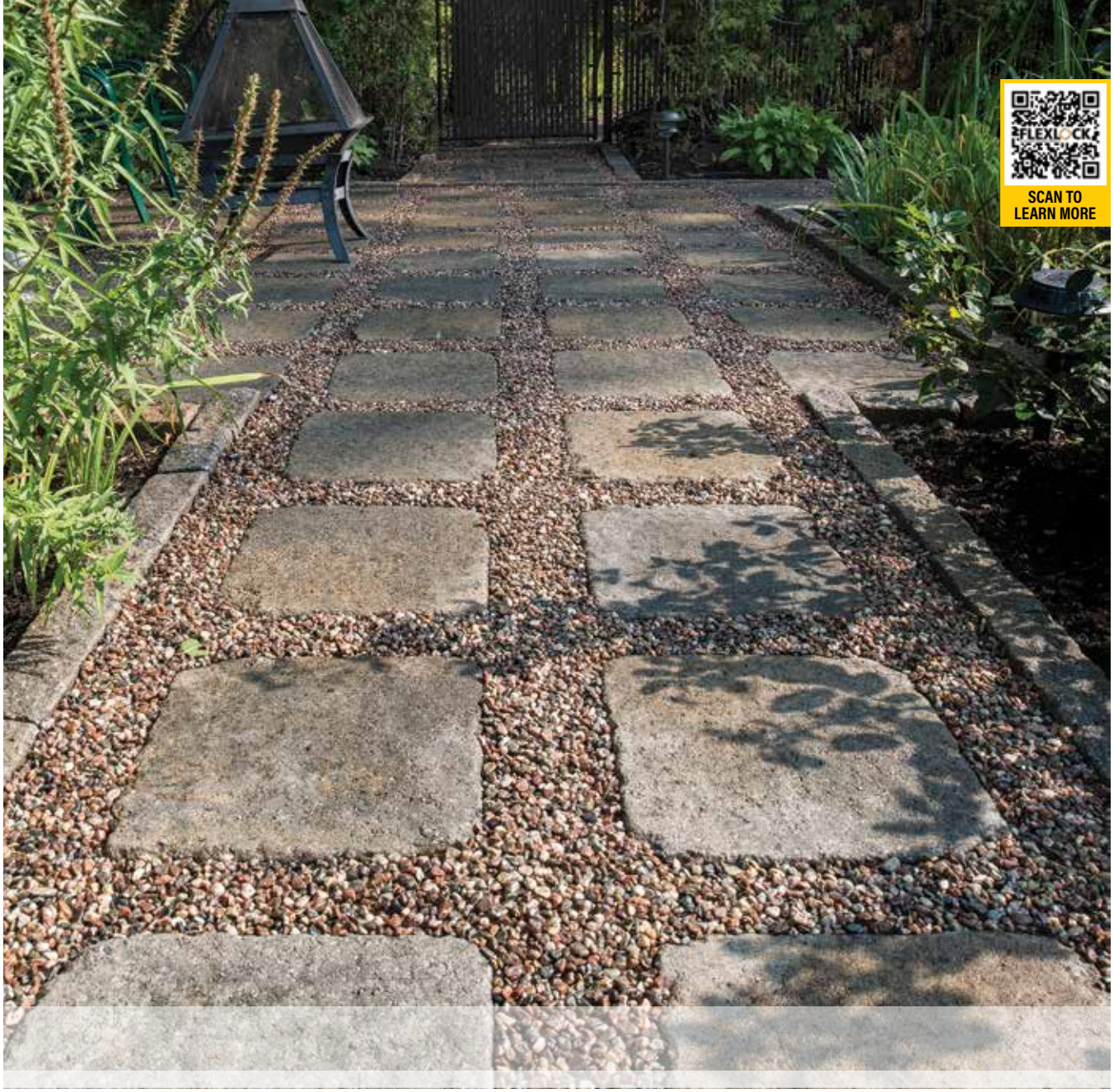
- For approximately ¼″ bead
- 10 oz (296 ml): 28–32 lin.ft (8.5-9.5 lin. m)
- 28 oz (828 ml): 79–90 lin.ft (24-27 lin. m)

PACKAGING

- 10 oz (296 ml), 12 cartridges/box, 90 boxes/pallet
- 28 oz (828 ml), 12 cartridges/box, 60 boxes/pallet

SEE VIDEO AT ALLIANCEGATOR.COM

GATOR BLOCK BOND ADHESIVE APPLICATIONS	XP POLYURETHANE | LOW VOC
VOC Compliant	√
Works above 32°F / 0°C	√
Concrete Pavers & Bricks	√
Dry & Damp Services	√
Retaining Walls	√
Masonry Units	√
Wet cast & natural stones	√
Waterproof	√
Overlays & Pool Coping	√
Steps & Wall Caps	√
Fire Pits (up to 400°F / 204°C)	√
Permanent Bond in 24 hours	√
Xtra Bond Strength (up to 3 times the strength of conventional adhesives)	√
Xtra Durability against torsion and tension	√



SCAN TO LEARN MORE

GATOR ROCK BOND™

KEEPS STONES IN PLACE

Creates a durable, permeable and decorative surface.
THE FINISHING TOUCH FOR ANY HARDSCAPE PROJECT.

See installation instructions page **81**

GATOR ROCK BOND
BINDER KIT

Gator Rock Bond is a one component binder, that when mixed with riverstone creates a durable yet solid permeable and decorative surface. Great for garden pathways where erosion and drainage is a concern.

FEATURES
- Porous and permeable
- Keeps stones in place
- Reduce maintenance and clean-up
- Durable in extreme conditions

COVERAGE
- 1 kit, at 1/2″ (13 mm) surface thickness, will cover approx. 8 to 10 sq.ft. (0.75 to 0.9 sq.m.)

INCLUDED IN PAIL
- Liquid binding agent (½ quart / 473 ml) and Riverstone (40 lb / 18.2 kg)

Riverstone (minimum ½″)

PACKAGING
- Retail size: (1/2 quart (473 ml) binding agent and 40 lb (18.2 kg) of rock
- 48 kits per pallet

GATOR ROCK BOND
LIQUID BINDING AGENT

Gator Rock Bond is a one component binder, that when mixed with clean and dry riverstone, granite, limestone or marble creates a durable yet solid permeable and decorative surface. Great for garden pathways where erosion and drainage is a concern.

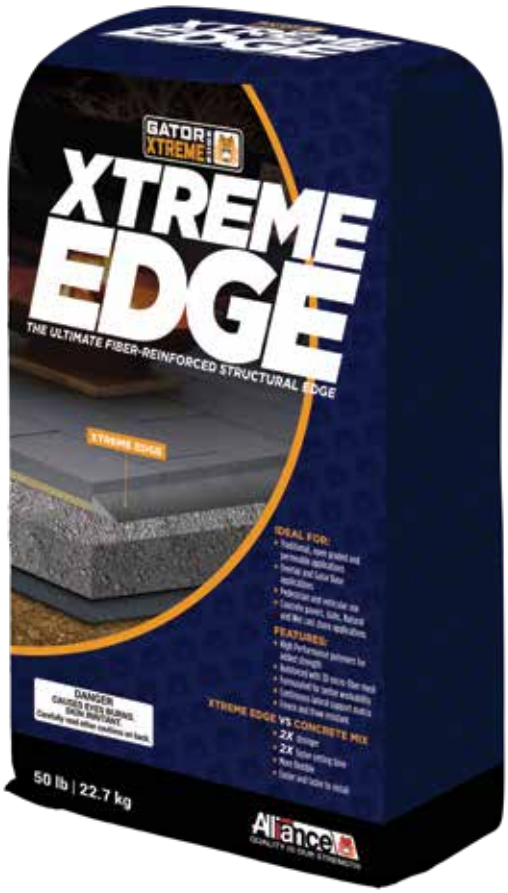
FEATURES
- Porous and permeable
- Keeps stones in place
- Reduce maintenance and clean-up
- Durable in extreme conditions

COVERAGE
- One (1) US gal. (3.78 L) mixed with 320 pounds (145 kg) of dry clean stone will cover 80 sq.ft. (7.4 m^2) at ½″ (13 mm) thickness.

TYPES OF ROCK THAT CAN BE USED WITH GATOR ROCK BOND
- Riverstone
- Granite
- Limestone
- Marble
- 1/8″ to 3/8″ (3 to 10mm)
- These rocks have to be clean, free of dust & 100% dry

PACKAGING
- Retail size: 1 US gallon (3.78 L)
- 4 units of 1 US gallon (3.78 L) per box / 24 boxes per pallet

SEE VIDEO AT FLEX-LOCK.COM



SCAN TO LEARN MORE

GATOR XTREME EDGE™

GATOR XTREME EDGE

The Ultimate reinforced 3D Micro-Fiber mesh Structural Edge.

See installation instructions page **61**

To learn more, visit us online at **Flex-lock.com**

GATOR XTREME EDGE

HIGH-PERFORMANCE POLYMERS FOR ADDED STRENGTH

FORMULATED FOR BETTER WORKABILITY

CONTINUOUS LATERAL SUPPORT MATRIX

IDEAL FOR

- Traditional, open graded and permeable applications
- Overlay and Gator Base applications
- Pedestrian and vehicular use
- Concrete pavers, slabs, natural and wet cast stone applications

FEATURES

- High-performance polymers for added strength
- Reinforced with 3D micro-fiber mesh
- Continuous lateral support matrix

PACKAGING

- Retail Size: 50 lb (22.7 kg)
- 56 units per pallet
- Store outdoors under a covered area, protected from rain and snow or store indoors in a well-ventilated area at temperatures ranging from -40 to 104°F (-40 to 40°C). Skid of Gator XTreme Edge can be double-stacked for storage, but not in transport.

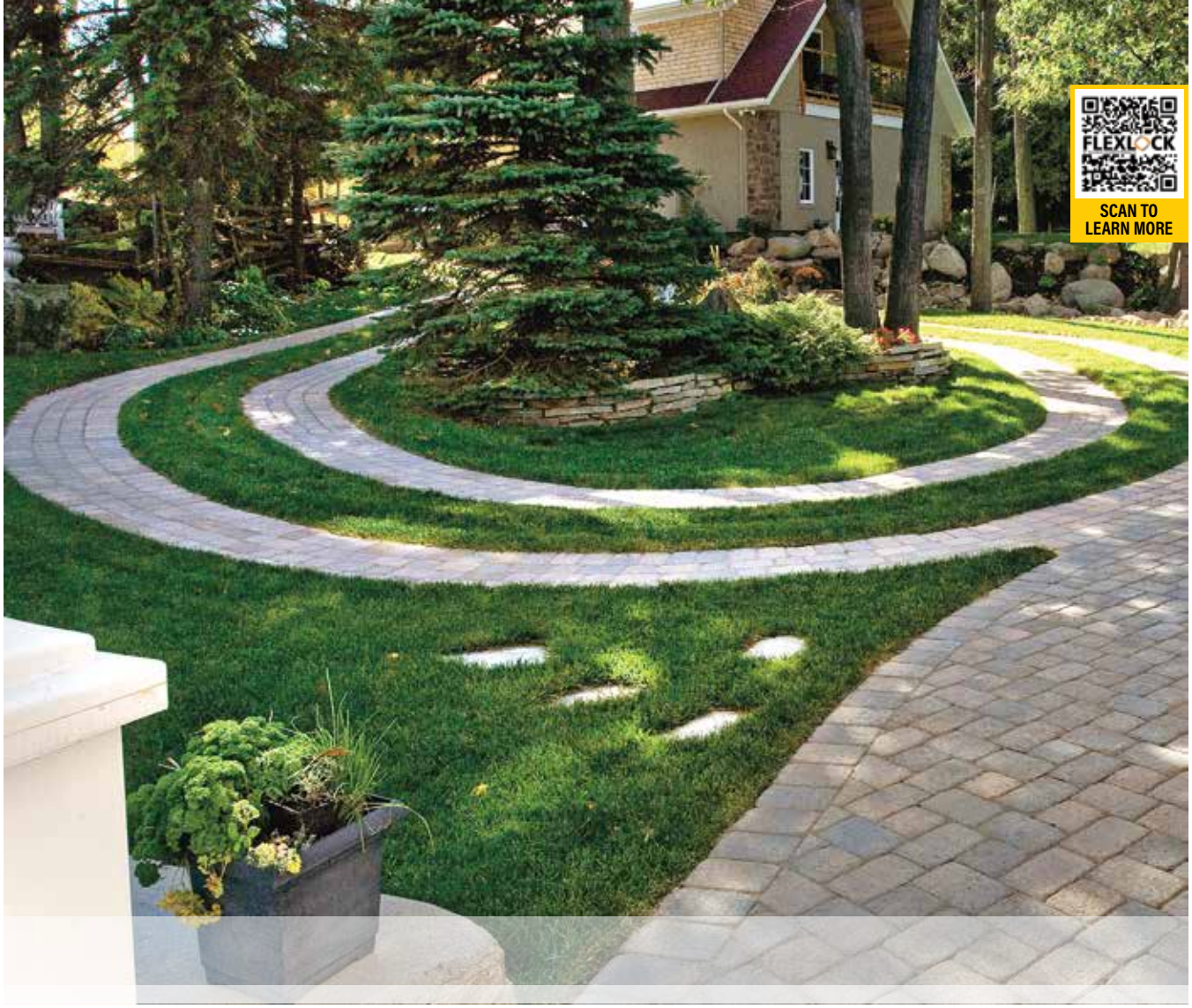
COVERAGE

15 linear feet per bag

XTREME EDGE vs CONCRETE MIX

- ***2x*** Stronger
- ***2x*** Faster setting time
- Easier and faster to install

SEE VIDEO AT FLEX-LOCK.COM



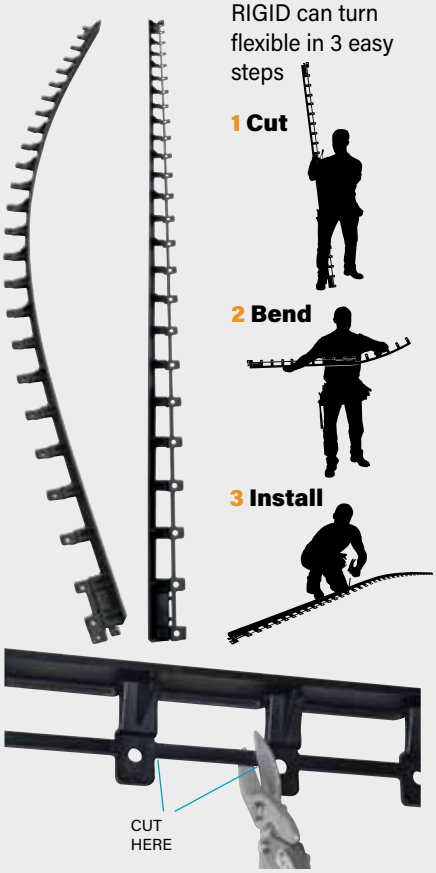
SCAN TO LEARN MORE

GATOR EDGE™ GATOR NAILS™ GATOR BASE SCREWS

GATOR EDGES, NAILS AND SCREWS

GATOR FLEX and RIGID EDGES with a unique Twist & Lock system, engineered with supported triangular angles at all key points, which provide a strong lateral support, essential for the load transfer.

GATOR EDGE FLEX AND RIGID



TWIST & LOCK CONNECTION

Gator Edge Flex and Rigid are made with 100% Polypropylene Copolymer. This gives it great strength as well as providing greater flexibility. We have a Rigid model which is ideal for straight applications and a Flex model that can be used for all curved applications such as walkways, paths, entrances, etc. Both the Rigid and Flex can be locked together with the "Twist & Lock" connection system. The Rigid could be transformed in a partial Flex by cutting the bridge support.

Gator Edge Rigid & Flex Packaging
1 bundle (192 lin. ft.)
1 skid (28 bundles = 5376 lin. ft.)

GATOR EDGE MINI

1″ / 25 mm height

Gator Edge Mini is made with 100% Polyethylene. This will give it greater strength as well as provide good flexibility for pavers, natural stone and all types of slabs. It is easy to use and quick to install. Gator Edge Mini model for applications of 1″ (25 mm) that can be used for natural stone and all types of slabs in walkways, patios, paths, etc.

Gator Edge Mini Packaging
1 bundle (192 lin. ft.)
1 skid (16 bundles= 3072 lin. ft.)

GATOR TILE EDGE

5/8″ / 15 mm height

The Gator Tile Edge is the fully customizable solution to run around the perimeter of your finished porcelain tile installation, providing stability and strong lateral support. The Gator Tile Edge is made with 100 % polyethylene.

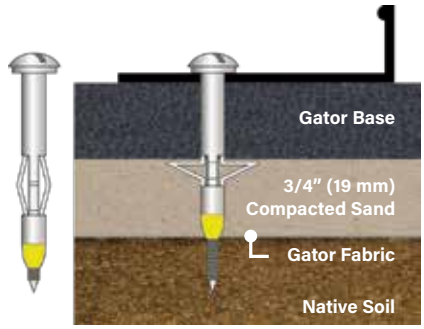
Gator Tile Edge Packaging
1 bundle (192 lin. ft.)
1 skid (16 bundles= 3072 lin. ft.)

GATOR EDGE DISPLAY STAND

Now easy to fill with side door Edge Display Stand:
28″W x 98″H x 15″D
(71.1 H x 248.9 H x 38.1 D cm)

GATOR BASE SCREWS

When using any of the Gator Edging on the Gator Base they must be fastened with Gator Base Screws only.



Fastening Gator Edge with the Gator Base Screw through the Gator Base reinforces the outside perimeter, creating a strong lateral support. Gator Base Screws are a required component on any Gator Base install.

Gator Base Screws Packaging
1 Pack= 50 screws
1 box = 20 packs

1 pack of Gator Base Screws

GATOR NAILS

Alliance Gator Nails are high quality nails which are available in lengths of 10″ (25 cm) and 12″ (30 cm), common or spiral models. Gator Nails are designed for use with all Gator Edge types.

Packaging
175-185 common 10″ nails per box
125-135 common 12″ nails per box
250-260 spiral 10″ nails per box
205-215 spiral 12″ nails per box
50 lb per box (22.68 kg)
48 boxes per pallet

SEE VIDEO AT FLEX-LOCK.COM

GATOR NITRO SAND

INSTALLATION INSTRUCTIONS

Designed for residential and commercial pedestrian applications uses, **Gator Nitro Joint Sand** is ready-to-use and does not require any mixing. After you have followed the **REQUIRED SUB-SURFACE PREPARATION** described on the side, you are ready to apply the **Gator Nitro Joint Sand**. Installation will be easier with two people.

STEP 1

Ensure paver surface is compacted then thoroughly wet the area to be jointed. If the surface is dry or temperature is high, more water will be required to avoid staining of the surface when spreading the **Gator Nitro Joint Sand**.

STEP 2

Open the bags and spread the contents over the paved surface. Wet the **Gator Nitro Joint Sand** with a hose set on "shower" while using a squeegee or broom to push the **Gator Nitro Joint Sand** diagonally across the paved surface and into the joints. This action compacts and forces the **Gator Nitro Joint Sand** into the joints ensuring the gaps are completely filled.

STEP 3

The joints should be filled 1/8" (3 mm) below the top surface or 1/8" (3 mm) below the paving unit chamfer with the **Gator Nitro Joint Sand**. Shower the surface to rinse off excess material from the paved surface. Repeat steps 2 and 3 until the whole paving area is completed.

NOTES:

Any excess **Gator Nitro Joint Sand** residue left on the paved surface can be simply cleaned off by brushing and rinsing off the surface. Excess material can be stored directly in the pail with 2" (50 mm) of water covering the **Gator Nitro Joint Sand**and closing the pail tightly. Excess product will last an extra 4 weeks when stored in this fashion.

For a nicer, smoother surface joint finish, use a suitable mason jointing tool. This process can only be done once Steps 1 to 3 are completed and the **Gator Nitro Joint Sand** is in its curing phase. Allow 18 hours of cure time before pedestrian use. Temperature and humidity will impact curing time.

Notes

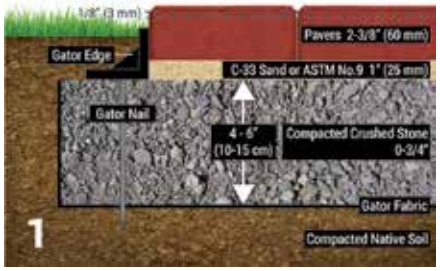
- For Best Results: Ensure surfaces are always wet during the installation process and that there is no movement of the pavers, stones or porcelain tiles
- Product Works at above 37°F (3°C)
- Open for pedestrian traffic after 18 hours
- 48 pails per pallet

Coverage The quantity required depends on the size of the joints.

Coverage per 40 lb (18.1 kg) pail Porcelain tile 24" x 24" x 3/4" (60 cm x 60 cm x 20 mm) with 1/8" (3 mm) joint width Paver or stone 12" x 12" x 2 3/8" (30 cm x 30 cm x 60 mm) with joints of 3/16" (5 mm) to 1" (25 mm)				
	BEIGE	**GREY**	**SILVER**	**BLACK**
1/8" joint [3]	295 sq. ft.	274 sq. ft.	295 sq. ft.	255 sq. ft.
3 mm joint [3]	27.4 sq. m.	25.5 sq. m.	27.4 sq. m.	23.7 sq. m.
3/16" joint [4]	58 sq. ft.	54 sq. ft.	58 sq. ft.	51 sq. ft.
5 mm joint [4]	5.4 sq. m.	5 sq. m.	5.4 sq. m.	4.7 sq. m.
3/4" joint [4]	15 sq. ft.	14 sq. ft.	15 sq. ft.	13 sq. ft.
19 mm joint [4]	1.4 sq. m.	1.3 sq. m.	1.4 sq. m.	1.2 sq. m.
1" joint [4]	11.8 sq. ft.	10.7 sq. ft.	11.8 sq. ft.	9.6 sq. ft.
25 mm joint [4]	1.1 sq. m.	1 sq. m.	1.1 sq. m.	0.9 sq. m.

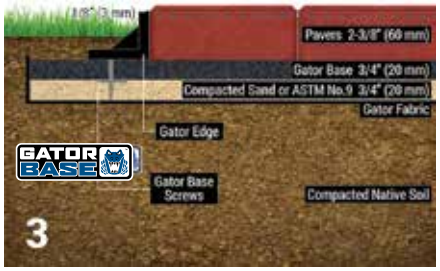
[3] Porcelain Tile | [4] Concrete paver

REQUIRED SUB-SURFACE PREPARATION BASE SYSTEMS

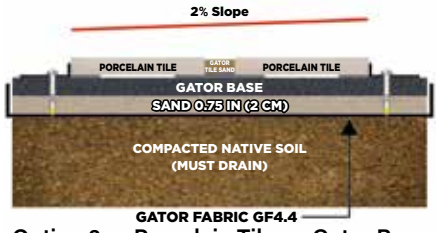


Option 1 ▪ Traditional

Option 2 ▪ Open graded / Permeable



Option 3 ▪ Gator Base



Option 3a ▪ Porcelain Tile on Gator Base

* GATOR Nitro Joint Sand will harden from top to bottom up to 2 3/8" (6 cm).
** Permeable as installed. If not maintained, permeability will be obstructed over time.

Visit Flex-lock.com to view the most recent TDS for more detailed instructions.

INSTALLATION INSTRUCTIONS

Using ICPI established best practices from Tech Specs 2 and 10, you will ensure the required base, setting bed and drainage of your hardscape project.

STEP 1

Remove all excess bedding material 4″ (10 cm) at the edge of the hardscape project. For a Gator Base installation, cut the Gator Base flush with the edge of the hardscape project and remove approximately 4″ (10 cm) wide by 1″ (25 mm) deep in the native soils along the edge.

STEP 2

Mix 1/2 US gallon (1.9 liters) of water with one bag 50 lb (22.7 kg) of **Gator XTreme Edge** until you obtain a homogeneous mixture.

STEP 3

Create a triangular shaped wedge of **XTreme Edge** against the side of the pavement. With the help of a trowel spread approximately 4″ (10 cm) of **XTreme Edge** mixture at a 30° angle over the base material or native soil in a Gator Base application. Ensure that the **XTreme Edge** covers any void spaces and at least 1″ (25 mm) of the vertical side of the paver or 1/2 the height of the hardscaping material being used.

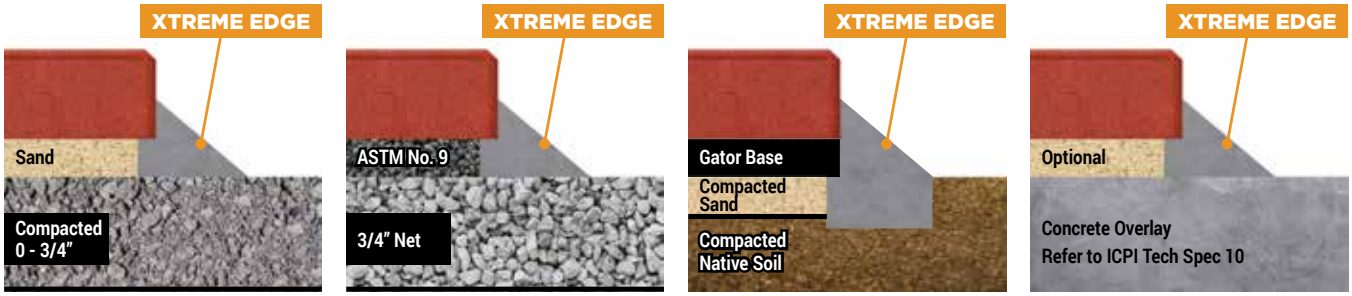
STEP 4

Final compaction of the paved surface with the G2 sand should take place while the **XTreme Edge** is still curing. As with Nitro sand the paved surface should be compacted 90 minutes after **XTreme Edge** installation.

Conversion of measurement units

1/2 US gallon = 2 quarts = 64 fl.oz = 1.9 liters

APPLICATIONS DIAGRAMS



Traditional | **Permeable or Open Graded** | **Gator Base** | **Overlay**

Visit Flex-lock.com to view the most recent TDS for more detailed instructions.

FLEXLOCK SAND™ G2™
BY ALLIANCE DESIGNER PRODUCTS
INTELLIGENT POLYMERIC SAND

INSTALLATION INSTRUCTIONS

Flexlock Sand G2 Intelligent Polymeric Sand is a simplified four easy steps installation process, making it the cleanest, fastest and easiest in the industry.

Flexlock Sand G2 Important Notes

A Always refer to the latest FLEXLOCK SAND G2 Technical Data Sheet (TDS) at Flex-lock.com before installing FLEXLOCK SAND G2.

B Pavers and slabs must be installed according to ICPI Tech Spec #2 traditional base (www.icpi.org) before FLEXLOCK SAND G2 installation.

C Pavers' sides and top surfaces must be completely dry. Do not apply if the paver surface is damp or wet. The damp or wet surface will cause FLEXLOCK SAND G2 to prematurely activate and will lead to the polymers sticking on the paver surface.

D Do not apply if the paver joints are damp or wet. This will prevent the FLEXLOCK SAND G2 from properly sliding into the joints and obtaining very densely packed joints, which is critical to the product's performance.

E Temperature must be above 32°F (0°C) in dry conditions and no rain for at least **15 minutes after water activation**.

F For all paver surfaces, and particularly around in-ground pools, there must be a minimum slope of 1/8 inch (3 mm) per linear foot away from the edge of the pool or structures to ensure optimal performance of the FLEXLOCK SAND G2.

G For the pool coping units, it is mandatory to use mortar in the joints. For the rest of the paver installation around the pool, you can use FLEXLOCK SAND G2.

H Do not sweep FLEXLOCK SAND G2 over asphalt.

I FLEXLOCK SAND G2 level must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires.

J For textured or pre-finished surfaces, we recommend to remove all the sand from the paver or slab surface prior to using the plate or roller compactor.

All pavers must be completely interlocked for vehicular and pedestrian use. If pavers are fanned they are not considered interlocked. FLEXLOCK SAND G2 can be applied when pavers are installed directly on open graded aggregates that lock or choke themselves. This means the polymeric sand will not migrate through the voids. Do not apply FLEXLOCK SAND G2 when the pavers are installed directly on aggregates with large voids.

Water activation for Flexlock Sand G2 Important Notes

A Use a watering gun connected to a hose. Set to shower.

B Watering must be started at the lowest point of the paved surface.

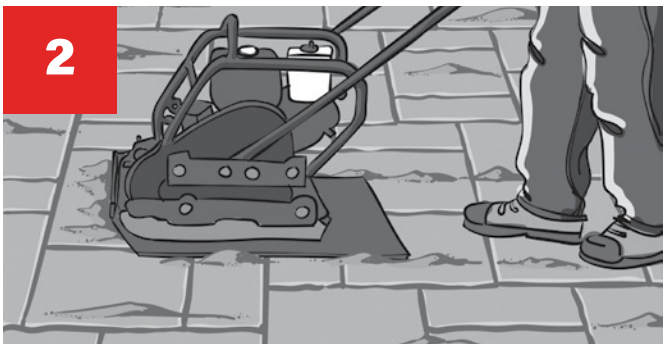
C Never allow paved surface to dry out during the water-activation phase.

D Do not allow FLEXLOCK SAND G2 to wash out of joint.

E Shower for a minimum of 30 seconds for 30 sq. ft. (3 sq.m.) or until the FLEXLOCK SAND G2 repels the water and the water starts to accumulate on the joints.

Flexlock Sand G2 Installation Steps for a new paver surface

Spread FLEXLOCK SAND G2 with a hard-bristle broom. Make sure the FLEXLOCK SAND G2 completely fills the joints. Do not use with other materials in the joints. Leave a layer of FLEXLOCK SAND G2 on the surface to aid in the vibrating and consolidation of FLEXLOCK SAND G2 into joints. For textured or pre-finished surfaces, we recommend to remove all the sand from the paver or slab surface prior to using the plate or roller compactor.



Vibrate the FLEXLOCK SAND G2 into the paver joints using a vibratory plate compactor. A rubber pad is recommended. A roller compactor is best for slab installation. Joints sand level must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8" (3 mm) below the chamfer. It is best to compact in several directions to ensure there are no air gaps or voids in the joints. Repeat steps 1 and 2 to ensure joints are filled and consolidated. Narrow joints require more care to completely fill.

Flexlock Sand G2 Installation Steps for a new paver surface

Sweep off excess FLEXLOCK SAND G2 from the paved surface, first with a hard-bristle broom, then a soft-bristle broom. Take care to leave the height of FLEXLOCK SAND G2 at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer.

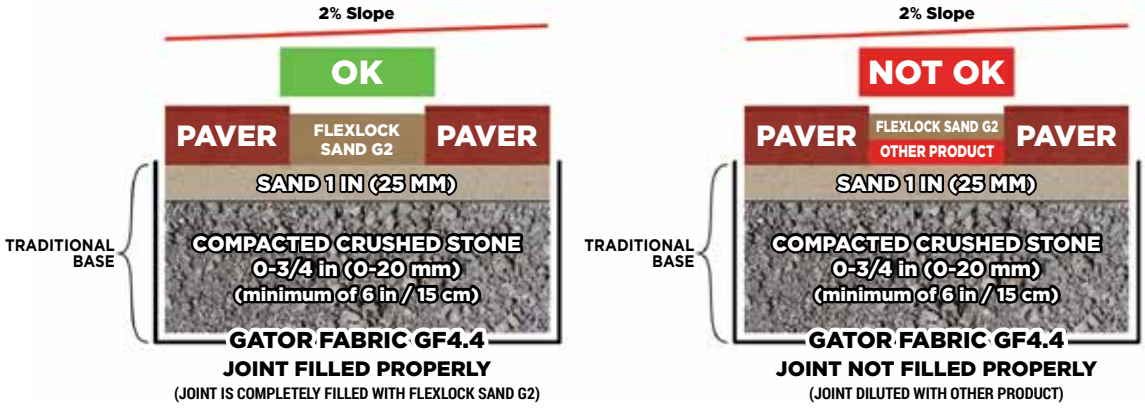
Shower for a minimum of 30 seconds for 30 sq. ft. (3 sq. m.) or until the FLEXLOCK SAND G2 repels the water and the water starts to accumulate on the joints.

Flexlock Sand G2 Installation Steps for an existing paver surface

Remove existing jointing material. Be careful not to disturb the bedding material under the pavers. Pavers must be completely dry before installing a minimum of 1 1/2" (38 mm) deep into the joints. FLEXLOCK SAND G2 level, must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires. Follow FLEXLOCK SAND G2 installation steps 1 to 4 for a new paver surface.

Required sub-surface preparation

FLEXLOCK SAND G2 is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements, etc. The concrete pavers must be installed on a traditional base system composed of 2 layers. The upper layer can have a maximum of 1 inch (25 mm) of bedding sand. The lower layer must have a minimum of 6 inches (15 cm) of crushed stone compacted at 98 % Proctor density. (See diagrams below.)



Sand or ASTM No. 9 Stone can be used under pavers (bedding layer)

Traditional base system:

- A minimum 2% top surface slope for proper water runoff
- FLEXLOCK SAND G2 level must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer
- Minimum joint width 1/8" (3 mm), maximum joint width 2" (5 cm)
- Minimum depth of joint 1-1/2" (38 mm)
- Layer of bedding sand maximum of 1" (25 mm)
- Layer of 6" (15 cm) thickness of 0- ¾" (0-20 mm) compacted crushed stone
- For light traffic applications the pavers must be completely interlocked

This cross-section represents the height of polymeric sand found in the joints

FLEXLOCK ULTRA™ G2™
BY ALLIANCE DESIGNER PRODUCTS
INTELLIGENT POLYMERIC SAND

INSTALLATION INSTRUCTIONS

Flexlock Ultra G2 Intelligent Polymeric Sand is a simplified four easy steps installation process, making it the cleanest, fastest and easiest in the industry.

Flexlock Ultra G2 Important Notes

A Always refer to the latest FLEXLOCK ULTRA G2 Technical Data Sheet (TDS) at Flex-lock.com before installing FLEXLOCK ULTRA G2.

B Pavers and slabs must be installed according to ICPI Tech Spec #2 traditional base (www.icpi.org) before FLEXLOCK ULTRA G2 installation. For overlay, ICPI recommends 2 inches (5 cm) diameter drainage holes spaced approximately 10 feet (3 meters) apart and at the lowest elevations in the slab. Holes should be filled with #8 (1/4" (6mm)) net stone and covered with a 1 foot x 1 foot (30 cm x 30 cm) patch of Gator Fabric GF4.4. Drilled holes should allow any water entering the bedding layer to freely flow out.

C Pavers' sides and top surfaces must be completely dry. Do not apply if the paver surface is damp or wet. The damp or wet surface will cause FLEXLOCK ULTRA G2 to prematurely activate and will lead to the polymers sticking on the paver surface.

D Do not apply if the paver joints are damp or wet. This will prevent the FLEXLOCK ULTRA G2 from properly sliding into the joints and obtaining very densely packed joints, which is critical to the product's performance.

E Temperature must be above 32°F (0°C) with dry conditions and a minimum of **15 minutes of dry weather required after activation** in traditional application and **24 hours in overlay applications**.

F For all paver surfaces, and particularly around in-ground pools, there must be a minimum slope of 1/8 inch (3 mm) per linear foot (30 cm) away from the edge of the pool or structures to ensure optimal performance of the FLEXLOCK ULTRA G2.

G For the pool coping units, it is mandatory to use mortar in the joints. For the rest of the paver installation around the pool, you can use FLEXLOCK ULTRA G2.

H Do not sweep FLEXLOCK ULTRA G2 over asphalt.

I FLEXLOCK ULTRA G2 level must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires.

J For textured or pre-finished surfaces, we recommend to remove all the sand from the paver or slab surface prior to using the plate or roller compactor.

All pavers must be completely interlocked for vehicular and pedestrian use. If pavers are fanned they are not considered interlocked.FLEXLOCK ULTRA G2 can be applied when pavers are installed directly on open graded aggregates that lock or choke themselves. This means the polymeric sand will not migrate through the voids. Do not apply FLEXLOCK ULTRA G2 when the pavers are installed directly on aggregates with large voids.

Water activation for Flexlock Ultra G2 Important Notes

A Use a watering gun connected to a hose. Set to shower.

B Watering must be started at the lowest point of the paved surface.

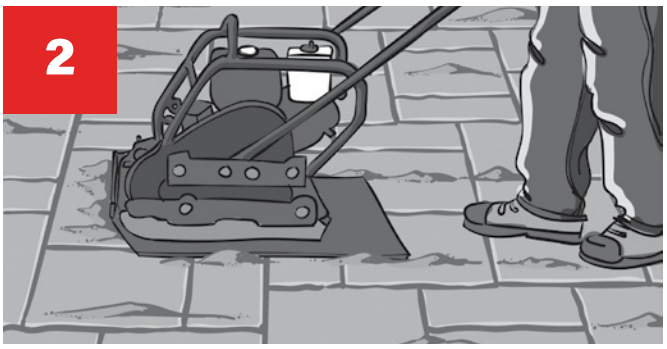
C Never allow paved surface to dry out during the water-activation phase.

D Do not allow FLEXLOCK ULTRA G2 to wash out of joint.

E Shower for a minimum of 30 seconds for 30 sq. ft. (3 sq. m.) or until the FLEXLOCK ULTRA G2 repels the water and the water starts to accumulate on the joints.

Flexlock Ultra G2 Installation Steps for a new paver surface

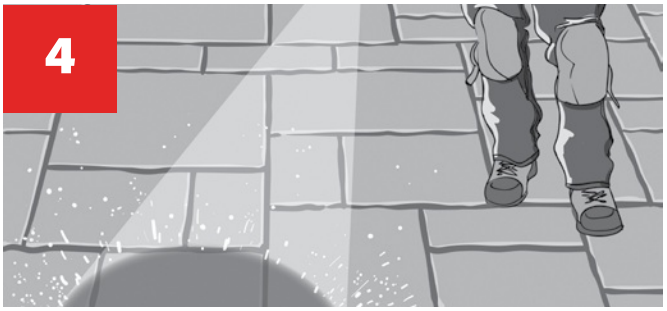
Spread FLEXLOCK ULTRA G2 with a hard-bristle broom. Make sure the FLEXLOCK ULTRA G2 completely fills the joints. Do not use with other materials in the joints. Leave a layer of FLEXLOCK ULTRA G2 on the surface to aid in the vibrating and consolidation of FLEXLOCK ULTRA G2 into joints. For textured or pre-finished surfaces, we recommend to remove all the sand from the paver or slab surface prior to using the plate or roller compactor.



Vibrate the FLEXLOCK ULTRA G2 into the paver joints using a vibratory plate compactor. A rubber pad is recommended. A roller compactor is best for slab installation. Joints sand level must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer. It is best to compact in several directions to ensure there are no air gaps or voids in the joints. Repeat steps 1 and 2 to ensure joints are filled and consolidated. Narrow joints require more care to completely fill.

Flexlock Ultra G2 Installation Steps for a new paver surface

Sweep off excess FLEXLOCK ULTRA G2 from the paved surface, first with a hard-bristle broom, then a soft-bristle broom. Take care to leave the height of FLEXLOCK ULTRA G2 at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer.



Shower for a minimum of 30 seconds for 30 sq. ft. (3 sq. m.) or until the FLEXLOCK ULTRA G2 repels the water and the water starts to accumulate on the joints.

Flexlock Ultra G2 Installation Steps for an existing paver surface

Remove existing jointing material. Be careful not to disturb the bedding material under the pavers. Pavers must be completely dry before installing a minimum of 1 1/2" (38 mm) deep into the joints. FLEXLOCK ULTRA G2 level, must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires. Follow FLEXLOCK ULTRA G2 installation steps 1 to 4 for a new paver surface.

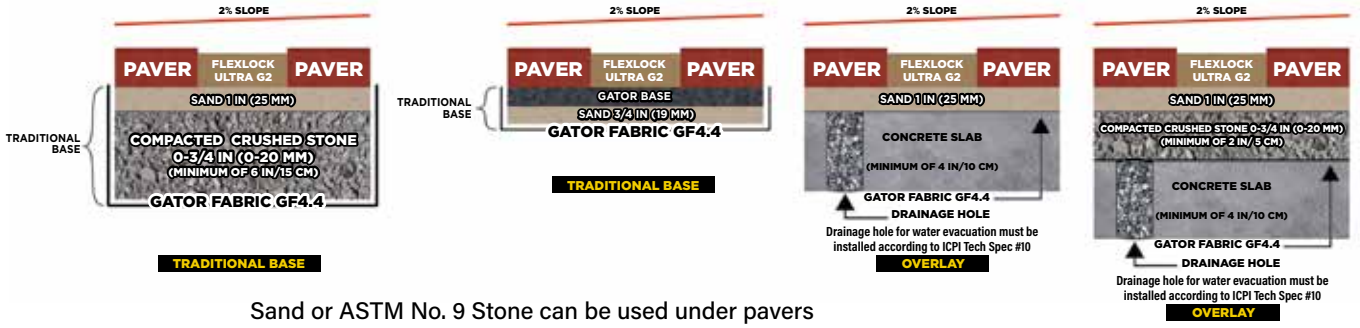
Required sub-surface preparation

FLEXLOCK ULTRA G2 is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements, etc. The concrete pavers must be installed on a traditional or overlay base system. (See diagrams).

For overlays applications

1 Remove all loose and fragile concrete.

2 Cover the surface with a geotextile Gator Fabric GF4.4, refill with crushed stone and compact it.



Sand or ASTM No. 9 Stone can be used under pavers

1 Traditional base system:

- A minimum 2% top surface slope for proper water runoff
- FLEXLOCK ULTRA G2 level must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer
- Minimum joint width 1/8" (3 mm), Maximum 4" (10 cm)
- Minimum depth of joint 1-1/2" (38 mm)
- Layer of bedding sand maximum of 1" (25 mm)
- Layer of 6" (15 cm) thickness of 0- ¾" (0-20 mm) compacted crushed stone
- For light traffic applications the pavers must be completely interlocked

2 Overlay application:

- A minimum 2% top surface slope for proper water runoff
- FLEXLOCK ULTRA G2 level, must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer
- Minimum joint width 1/8" (3 mm), Maximum 2" (5 cm)
- Minimum depth of joint 1-1/2" (38 mm)
- Layer of bedding sand maximum of 1" (25 mm)
- Layer of 4" (10 cm) thickness of concrete with 2" (5 cm) drainage hole every 10' (3 m) filled with ¼" (6 mm) clean stone and cover with a geotextile for water evacuation
- For light traffic applications the pavers must be completely interlocked

3 Overlay application:

- A minimum 2% top surface slope for proper water runoff
- FLEXLOCK ULTRA G2 level, must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer
- Minimum joint width 1/8" (3 mm), Maximum 2" (5 cm)
- Minimum depth of joint 1-1/2" (38 mm)
- Layer of bedding sand maximum of 1" (25 mm)
- Minimum layer of 2" (5 cm) thickness of 0-3/4" (0-20 mm) compacted crushed stone
- Layer of 4" (10 cm) thickness of concrete with 2" (5 cm) drainage hole every 10' (3 m) filled with ¼" (6 mm) clean stone and cover with a geotextile for water evacuation
- For light traffic applications the pavers must be completely interlocked

This cross-section represents the height of polymeric sand found in the joints

FLEXLOCK SAND™ BY ALLIANCE DESIGNER PRODUCTS FLEXLOCK ULTRA™ BY ALLIANCE DESIGNER PRODUCTS

INSTALLATION INSTRUCTIONS

Preparation information
Important Notes

A Always refer to the latest FLEXLOCK POLYMERIC SAND Technical Data Sheet (TDS) at Flex-lock.com before installing FLEXLOCK POLYMERIC SAND.

B Pavers and slabs must be installed according to ICPI Tech Spec #2 traditional (www.icpi.org) before FLEXLOCK POLYMERIC SAND installation. For Overlays (use FLEXLOCK ULTRA) ICPI recommends 2" (5 cm) diameter drainage holes spaced approximately 10 ft (3 m) apart and at the lowest elevations in the slab. Holes should be filled with #8 (1/4" (6mm)) net stone and covered with a 1 foot x 1 foot (30 cm x 30 cm) patch of Gator Fabric GF4.4. Drilled holes should allow any water entering the bedding layer to freely flow out.

C Pavers' sides and top surfaces must be completely dry. Do not apply if the paver surface is damp or wet. The damp or wet surface will cause FLEXLOCK POLYMERIC SAND to prematurely activate and will lead to the polymers sticking on the paver surface.

D Do not apply if the paver joints are damp or wet. This will prevent the FLEXLOCK POLYMERIC SAND from properly sliding into the joints and obtaining very densely packed joints, which is critical to the product's performance.

E Temperature must be above 32°F (0°C) with dry conditions (no rain for at least 1 hour) after installing FLEXLOCK POLYMERIC SAND in a traditional application and (no rain for at least 24 hours) in overlay application.

F For all paver surfaces, and particularly around in-ground pools there must be a slope of 1/8 inch (3 mm) per linear foot away from the edge of the pool, or structures to ensure optimal performance of the FLEXLOCK POLYMERIC SAND.

G For the pool coping units it is mandatory to use mortar in the joints. For the rest of the paver installation around the pool, you can use FLEXLOCK POLYMERIC SAND.

H Do not sweep FLEXLOCK POLYMERIC SAND over asphalt.

I FLEXLOCK POLYMERIC SAND level, must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires.

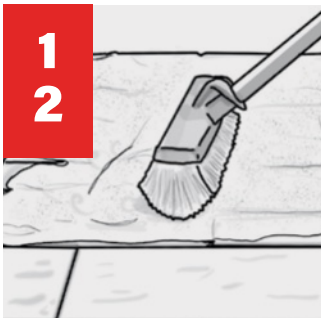
J For textured or pre-finished surfaces, we recommend to remove all the sand from the paver or slab surface prior to using the plate or roller compactor.

All pavers must be completely interlocked for vehicular and pedestrian use. If pavers are fanned they are not considered interlocked. FLEXLOCK SAND & FLEXLOCK ULTRA can be applied when pavers are installed directly on open graded aggregates that lock or choke themselves. This means the polymeric sand will not migrate through the voids. Do not apply FLEXLOCK SAND or FLEXLOCK ULTRA when the pavers are installed directly on aggregates with large voids.

Flexlock Sand and Flexlock Ultra Installation Steps
for an existing paver surface

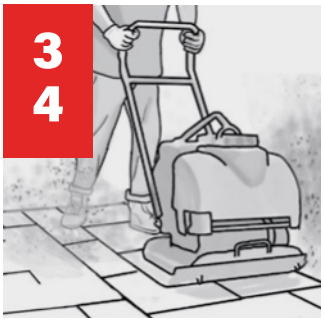
Remove existing jointing material. Be careful not to disturb the bedding material under the pavers. Pavers must be completely dry before installing a minimum of 1 1/2" (38 mm) deep into the joints. FLEXLOCK POLYMERIC SAND level must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires. Follow FLEXLOCK POLYMERIC SAND installation steps 1 to 10 for a new paver surface.

Flexlock Sand and Flexlock Ultra Installation Steps
for a new paver surface



1 Spread FLEXLOCK POLYMERIC SAND with a hard-bristle broom. Make sure the FLEXLOCK POLYMERIC SAND completely fills the joints. Do not use other materials in the joints.

2 Leave a layer of FLEXLOCK POLYMERIC SAND on the surface to aid in vibrating and consolidating FLEXLOCK POLYMERIC SAND into joints. For textured or pre-finished surfaces, we recommend to remove all the sand from the paver or slab surface prior to using the plate or roller compactor.



3 Vibrate the FLEXLOCK POLYMERIC SAND into the paver joints using a vibratory plate compactor. A rubber pad is recommended. A roller compactor is best for slab installation.

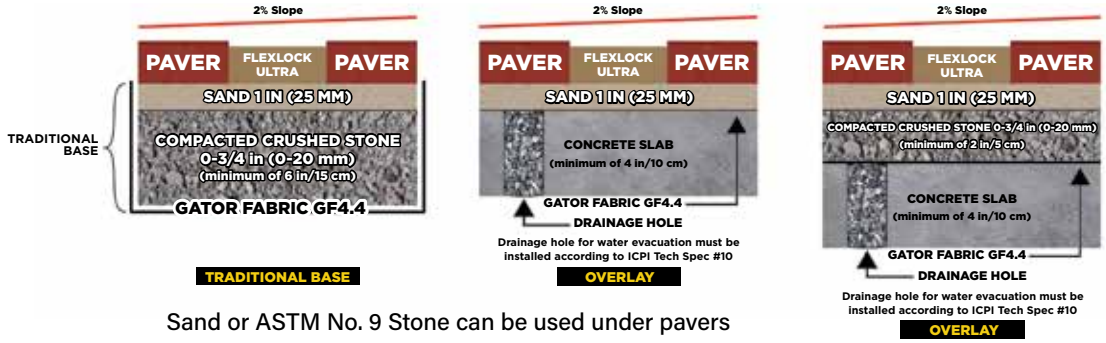
4 Joints sand level must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer. It is best to compact in several directions to ensure there are no air gaps or voids in the joints. Repeat steps 1-3 to ensure joints are filled and consolidated. Narrow joints require more care to completely fill.

5 Sweep off excess FLEXLOCK POLYMERIC SAND from the paved surface, first with a hard-bristle broom, then a soft bristle broom. Joints sand level, must be at least 1/8 inch (3 mm) below top of paver's surface or 1/8 inch (3 mm) below the chamfer.

6 Use a leaf blower to remove all remaining FLEXLOCK POLYMERIC SAND residue from the paver surface.

Required sub-surface preparation using FLEXLOCK ULTRA

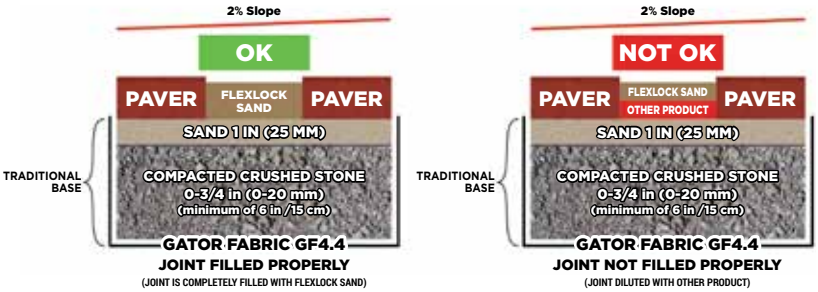
FLEXLOCK ULTRA is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements etc. The concrete pavers must be installed on a traditional base system composed of 2 layers. The upper layer can have a maximum of 1 inch (2.5 cm) of bedding sand. The lower layer must have a minimum of 6 inches (15 cm) of crushed stone compacted at 98 % Proctor density. (See diagrams below).



Sand or ASTM No. 9 Stone can be used under pavers

Required sub-surface preparation using FLEXLOCK SAND

FLEXLOCK SAND is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements, etc. The concrete pavers must be installed on a traditional base system composed of 2 layers. The upper layer can have a maximum of 1 inch (2.5 cm) of bedding sand. The lower layer must have a minimum of 6 inches (15 cm) of crushed stone compacted at 98 % Proctor density. (See diagram below).



Sand or ASTM No. 9 Stone can be used under pavers

IMPORTANT

The water used in steps 7 to 9 will activate a bonding action as well as condensing FLEXLOCK POLYMERIC SAND in the joints. It is important to water the FLEXLOCK POLYMERIC SAND a total of 3 times, as per steps 7, 8 and 9. Too little water will not properly activate the FLEXLOCK POLYMERIC SAND and will reduce the final performance. If steps 7 to 10 are not done properly, a white haze may appear on paver surface after installation. This is due to excess FLEXLOCK POLYMERIC SAND residue left on paver surfaces. This haze will dissipate over time, or it could be removed by using FLEXLOCK efflorescence cleaner.

Flexlock Sand and Flexlock Ultra Water Activation Steps
for a new paver surface

7 Shower water on a specific area of 100 sq.ft. (10 sq. m.), wait no longer than 2 to 3 minutes. Proceed to STEP 8.

8 Shower and rinse simultaneously on a section of approximately 100 sq. ft. (10 sq. m.) so as to eliminate any FLEXLOCK POLYMERIC SAND residue left on the pavers. Any FLEXLOCK POLYMERIC SAND residue should go directly into the paver joints. Wait no longer than 2 to 3 minutes. Proceed to STEP 9.

9 Shower and rinse simultaneously, so as to eliminate any FLEXLOCK POLYMERIC SAND residue. Any residue should go directly into the paver joints. However, stop showering when you see water retention on the paver joints. Wait no longer than 2 to 3 minutes. Proceed to STEP 10.

Note: Repeat the directions of STEPS 7 to 9 for all other areas that have not been showered with water.

10 Use a leaf blower to remove any excess water remaining on the paver pores and crevices. This blowing action is necessary to help remove any remaining FLEXLOCK POLYMERIC SAND residue left on paver surfaces from the previous steps.

Water Activation for Flexlock Polymeric Sand
Important Notes

A Work in manageable sections, ideally about 100 sq. ft. (10 sq. m.) at a time, depending on temperature.

B Do not allow FLEXLOCK POLYMERIC SAND to wash out of joint.

C Never allow paved surface to dry out during the water activation phase.

D Watering must be started at the lowest point of the paved surface.

E Use a watering gun connected to a hose. Setting should be set to shower.

FLEXLOCK DUST™
BY ALLIANCE DESIGNER PRODUCTS

INSTALLATION INSTRUCTIONS

PREPARATION INFORMATION
Important Notes

A Always refer to the latest FLEXLOCK DUST Technical Data Sheet (TDS) at Flex-lock.com before installing FLEXLOCK DUST.

B FLEXLOCK DUST must be installed above 59°F (15°C).

C FLEXLOCK DUST can only be installed if rain is not forecasted in the next 24 hours.

D Wet cast & natural stone sides and top surfaces must be completely dry. Do not apply if the wet cast or natural stone surface is damp or wet. The damp or wet surface will cause FLEXLOCK DUST to prematurely activate and will lead to the polymers sticking on the wet cast or natural stone surface.

E Do not apply if the wet cast or natural stone joints are damp or wet. This will prevent the FLEXLOCK DUST from properly sliding into the joints and obtaining very densely packed joints, which is critical to the product's performance.

F Minimize or avoid walking on the wet cast or natural stones for 24 hours after the installation of FLEXLOCK DUST.

G If FLEXLOCK DUST is left lying on the wet cast or natural stone surface for a long duration, moisture can form and will activate the FLEXLOCK DUST on the wet cast or natural stone surface, staining may occur.

H Do not use FLEXLOCK DUST when wet cast or natural stones are installed over a concrete base. FLEXLOCK DUST is designed to function on a traditional base system. A concrete base inhibits drainage, thus the trapped water will negatively impact the product's performance.

I Waterproof bag: Intact pallets or bag can be laid flat and stored outdoors. (Lay bag flat on its back, so front of the bag is facing you.)

Flexlock Dust Installation Steps for a new wet cast or natural stone surfaces

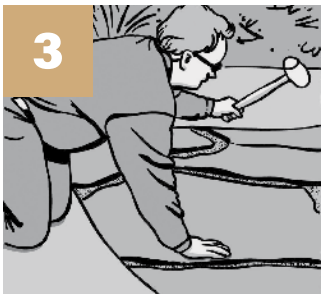
1 Install the wet cast or natural stones on a maximum 1" (25 mm) bed of sand. Make sure that there is at least 6" (15 cm) of compacted crushed stone under the bedding sand. See diagrams below.

Sand or ASTM No. 9 Stone can be used under stones

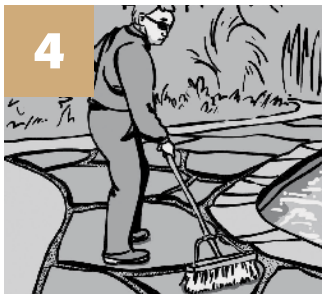
2 Make sure the wet cast or natural stone top and side surfaces are dry.

FOR NATURAL STONES: Using a hard-bristle broom, sweep FLEXLOCK DUST in between the full depth of the natural stone joints.

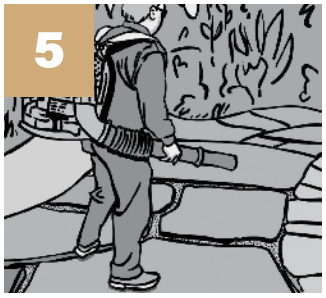
FOR WET CAST STONES: Using a scoop, carefully pour FLEXLOCK DUST in between the full depth of the joints and avoid getting any FLEXLOCK DUST on the wet cast stone surface.



3 Hit the wet cast or natural stones with a rubber mallet; this will make the FLEXLOCK DUST settle firmly into the joints by removing any air pockets. Repeat step 2 and this step 3 at least two more times.



4 Using a soft, fine-bristle broom, sweep all excess FLEXLOCK DUST off wet cast or natural stone surfaces. Ensure that FLEXLOCK DUST lies at least 1/8" (3 mm) below the top of the wet cast or natural stones or erosion may occur.



5 Using a leaf blower, blow all FLEXLOCK DUST residues off wet cast or natural stone surfaces.

FLEXLOCK Dust Water Activation Steps

6 Shower a specific 50 sq. ft. (4.6 sq. m.) area for 90 seconds

7 Continue to do the rest of the area at 50 sq. ft. (4.6 sq. m.) area for 90 seconds

8 When the entire surface is done, rinse off any FLEXLOCK DUST residue off the surface.

9 Use a leaf blower to remove any excess water remaining on the wet cast or natural stone pores and crevices. This blowing action is necessary to help remove any remaining FLEXLOCK DUST residue left on wet cast or natural stone surfaces from the previous steps.

IMPORTANT

The water used in step 6 will activate a bonding action as well as condensing FLEXLOCK DUST in the joints. Too much water will undo the dense compaction obtained during step 3 and reduce the final performance of FLEXLOCK DUST.

PLEASE NOTE

FLEXLOCK DUST becomes very firm but will detach from wet cast or natural stones if the crushed stone base has excessive movement. It will also detach from the wet cast or natural stones if the wet cast or natural stones are oscillating back and forth due to improper installation. By following FLEXLOCK DUST installation instructions carefully, you will obtain a very hard jointing material. It should be noted that FLEXLOCK DUST will continue to harden over time. Avoid excessive watering or flooding of wet cast or natural stone areas. When installing wet cast or natural stones around an underground pool, a slope of 1/8 inch (3 mm) per linear foot away from the pool is mandatory. All wet cast or natural stone surfaces must have a drainage slope for the FLEXLOCK DUST to work at its optimum. For the pool coping blocks, it is mandatory to use mortar in the joints. For the rest of the wet cast or natural stones installation around the pool, you can use FLEXLOCK DUST. Do not sweep FLEXLOCK DUST over asphalt.

Water Activation Important Notes

A Work in manageable sections, ideally about 50 sq. ft. at a time, depending on temperature.

B Do not allow FLEXLOCK DUST to wash out of joint.

C Never allow paved surface to dry out during the water activation phase.

D Watering must be started at the lowest point of the paved surface.

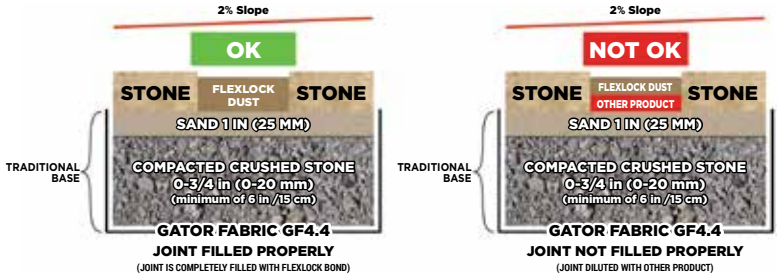
E Use a watering gun connected to a hose. Setting should be set to shower.

COVERAGE

The quantity required depends on the shape and size of the wet cast or natural stones as well as the width of the joints. One bag of 50 lb (22.7 kg) of this product will cover between 20 to 30 square feet (1.85 to 2.79 sq. m.) if the joints are about 1" (25 mm) to 2" (5 cm) wide and the wet cast or natural stones are about 2" to 2-1/2" (5 cm to 6.4 cm) in height.

Required sub-surface preparation

FLEXLOCK DUST is recommended for a variety of uses, including patios, walkways and pool decks. The wet cast or natural stones must be installed on a traditional base system: maximum of 1" (25 mm) of bedding sand, plus a minimum of 6" (15 cm) of crushed stone compacted at 98% Proctor density. (See diagram). Adding a second layer 1/2 in (13 mm) of loose sand on top of the Gator Base for pavers or natural stones is also an accepted method of installation.



NATURAL STONE APPLICATIONS

Sand or ASTM No. 9 Stone can be used under stones

This cross-section represents the height of polymeric sand found in the joints

Maximum joint width 6" (15 cm)

GATOR BASE™

Under License from Brock International-Patented and Patents Pending: www.brockpaverbase.com

INSTALLATION INSTRUCTIONS

Please follow ICPI Tech Specs 2 & 9 for compaction regulations.

STEP 1
Excavation of the new Gator Base area

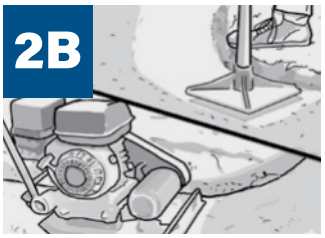
Total excavation will be done as follows.

Total depth will be determined by adding the following elements depths: Gator Fabric GF 4.4, compacted sand's final height (1/2" (13 mm)), Gator Base (3/4" (19 mm)), and height of paver, slab, stone, or porcelain tile. Total excavation width should be 6" (15 cm) wider on each side than the final paved area or 12" (30.5 cm) when building a seat wall or fire pit. This excavation could be done using a shovel or excavator. Prior to excavating, check with local utility services to ensure digging does not damage underground pipes or wires.

STEP 2
Levelling and compacting of the base

A Once excavation is completed, level the excavated area using a rake or shovel. Ensure a slope of at least 1 degree away from any structure, such as a house.

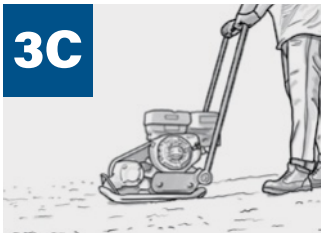
STEP 3
Addition of Gator Fabric GF 4.4, levelling and compacted sand



B The native soil needs to be prepared and compacted in the same way that one would prepare a traditional base installation, using a hand tamper or plate compactor. This area should be as smooth as possible to get rid of high or low spots within about 3/8" (10 mm). Using a string level (stakes and a string line), tie the string to the stakes to establish level according to which the final slope will be measured (minimum of 1 degree to the desired final paver level). Once the final level is achieved, proceed to step 3.

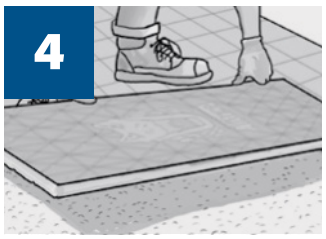
A Lay down the Gator Fabric GF 4.4 and cover the complete excavated area and sides.

B Spread an even layer of sand to a depth of 3/4" (19 mm) over the Gator Fabric GF4.4. The use of ASTM No.9 stone is also accepted method of installation. To obtain a perfect 3/4˝(19 mm) bedding layer, use two 3/4" (19 mm) pipes with an equal distance of 4 to 6 ft (1.22 to 1.83 m) over the Gator Fabric GF 4.4 and fill the surrounding area with sand or ASTM No.9 stone. Using a straight board, level the sand or ASTM No.9 stone relatively to the pipes. When removing the pipes, fill in the empty gaps. Remember that levelling and compacting the sand will be the last step prior to installing the Gator Base. (ASTM No.9 stone will need no compaction).



C Shower the complete sand area to aid into the compaction step. Using a hand compactor and/or plate compactor, compact the 3/4" (19 mm) of sand until you obtain a final height of 1/2" (13 mm) of compacted sand. The final area should be smooth.

STEP 4
Installation of the Gator Base



Make sure to install the Gator Base on the extended excavation area (total excavation should be 6" (15 cm) wider on each side than the final paved area or 12" (30 cm) for a seat wall or fire pit). Start laying the Gator Base units while ensuring locking of the tongue & groove system. This will guarantee the panels' stability when the pavers or slabs are laid down. Trim any visible curves or protruding angles using a utility knife.

STEP 5
Installation of pavers or wall blocks and Gator Edge

Lay the pavers or blocks (seat wall or fire pit) directly onto the Gator Base according to the selected pattern. (Adding a second layer 1/2" (13 mm) of loose bedding sand C-33 on top of the Gator Base is also an accepted method of installation of pavers or natural stones.) Use a rubber mallet to adjust the pavers. Make sure the Gator Base is 6" (15 cm) wider on each side than the paved surface or 12" (30 cm) for seat wall or fire pit. Install Gator Edge on the Gator Base, making sure it rests firmly against the pavers or blocks. A Gator Base Screw will be driven into every second hole to maximize lateral support of the Gator Edge.

STEP 6
Flexlock Ultra G2 Installation steps (for a new paver surface)

A Spread FLEXLOCK ULTRA G2 with a hard-bristle broom. Make sure the FLEXLOCK ULTRA G2 completely fills the joints. Do not use other materials in the joints. Leave a layer of FLEXLOCK ULTRA G2 on the surface to aid in the vibrating and consolidation of FLEXLOCK ULTRA G2 into joints.

B Vibrate the FLEXLOCK ULTRA G2 into the paver joints using a vibratory plate compactor. A rubber pad is recommended. A roller compactor is best for slab installation. Joints should be filled up to 1/8" (3 mm) below the top of the stone or 1/8" (3 mm) below the chamfer. It is best to compact in several directions to ensure there are no air gaps or voids in the joints. Repeat steps 1 and 2 to ensure joints are filled and consolidated. Narrow joints require more care to completely fill.

C Sweep off excess FLEXLOCK ULTRA G2 from the paved surface, first with a hard-bristle broom, then a soft-bristle broom. Take care to leave the height of the polymeric sand at least 1/8" (3 mm) below the top of the stone or 1/8" (3 mm) below the chamfer of the paver.

D Activate FLEXLOCK ULTRA G2 by showering 30 sq.ft. (3 sq,m.) section for 30 seconds, starting at the lowest point. Once all the sections are activated, rinse off any debris that is on the total paver surface.

Flexlock Ultra G2 Installation (for an existing paver surface)

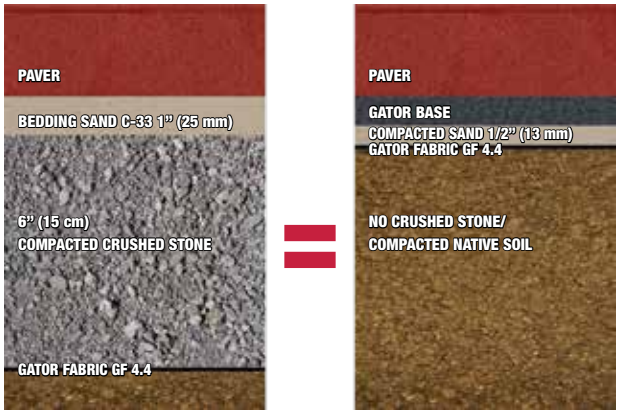
When using FLEXLOCK ULTRA G2 to replace existing jointing materials, old jointing materials need to be completely cleaned out of the joints and pavers completely dry before installing FLEXLOCK ULTRA G2. Follow steps A to D of FLEXLOCK ULTRA G2 installation steps for a new paver surface.

For all of the scenarios shown in these diagrams below:

The pavers' or natural stones' height (1 1/8 in to 3 1/8 in [2.8 to 8 cm]) will determine the total excavation depth.

PAVER APPLICATIONS

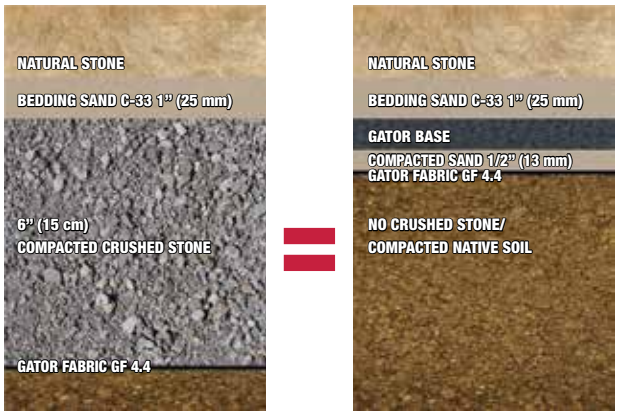
THE OLD WAY	GATOR BASE WAY
COSTLY EXCAVATION, FILL & DUMPING FEES	REPLACES 6 IN (15 CM) OF CRUSHED STONE



FLEXLOCK ULTRA G2 can be applied when pavers are installed directly on open graded aggregates that lock or choke themselves. This means the polymeric sand will not migrate through the voids. Sand or ASTM No. 9 Stone can be used under Gator Base panels.

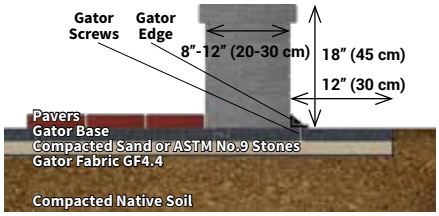
NATURAL STONE APPLICATIONS

THE OLD WAY	GATOR BASE WAY

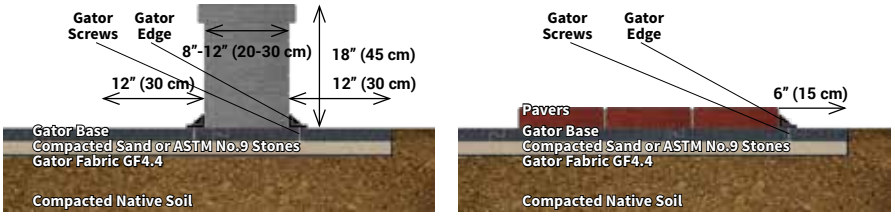


Adding a second layer 3/4 in (19 mm) of loose sand or ASTM No. 9 stone on top of the Gator Base for pavers or natural stones is also an accepted method of installation. Sand or ASTM No. 9 Stone can be used under Gator Base panels.

SEAT WALL WITH PAVERS



FREE-STANDING SEAT WALL



When building a seat wall or fire pit on the perimeter of a patio, Gator Base must extend at least 12" (30 cm) past the outside edge of the block and 6" (15 cm) when installing pavers. Fasten the Gator Edge against the seat wall blocks or pavers with Gator Base Screws at every second hole to prevent any lateral movement. If building a free-standing seat wall, the Gator Base must extend 12" (30 cm) past all sides of the seat wall and fastened on the front and back with Gator Edge and Gator Base Screws.

When building a fire pit, the important thing to remember is to provide a thermal barrier between the Gator Base and the heat source, as shown in the options found on page 29 of this document.

GATOR TILE SYSTEM
By Alliance Designer Products

INSTALLATION INSTRUCTIONS

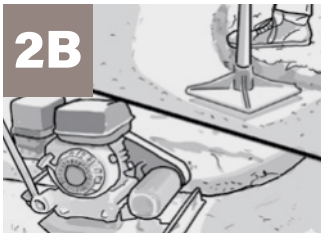
The 7 components of the Gator Tile System are required for installation.

STEP 1
Excavation of the new Gator Tile area

Excavate the new Gator Tile area. The depth required is calculated by adding Porcelain Tile height, Gator Base, compacted sand, plus any soft organic material that has to be removed. Excavate the perimeter an extra 6" (15 cm) wider on all sides than the finished tile area requires.

STEP 2
Levelling and compacting of the base

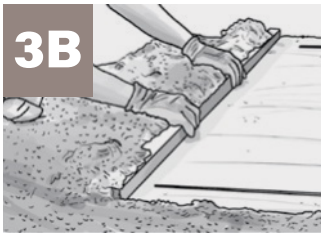
A Ensure a slope of at least 2% away from any structure, such as a house.



B The native soil needs to be compacted using a plate compactor or hand tamper.

STEP 3
Addition of Gator Fabric GF 4.4, levelling and compacted sand

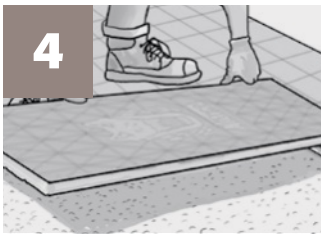
A Lay down Gator Fabric GF 4.4, a non-woven geotextile (minimum 100 LBF) and cover the entire excavated and compacted area.



B Spread an even layer of sand, no more than 3/4" thick (19 mm) • Levelling and compacting the sand will be the last step prior to installing the Gator Base.

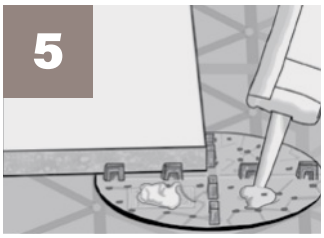
C Water the sand prior to using a hand compactor and/or plate compactor, compacting the layer of sand until you obtain a final height of 1/2" (13 mm) of compacted sand. This compacted surface should reflect the final tiled surface.

STEP 4
Installation of the Gator Base



Make sure to install the Gator Base on the extended excavation area (total excavation should be 6" (15 cm) wider on each side than the final tiled area). • Start laying and staggering the Gator Base units ensuring Gator Base interlocks with the tongue & groove system.

STEP 5
Installation of porcelain tile and Gator Spacer



Gator Spacers should receive a generous amount of Alliance polyurethane XP glue on each quadrant. Install the Porcelain Tile on the Gator Spacer, apply pressure or tap the tiles with a rubber mallet at all corners. This will ensure that the tiles are adhering to the Gator Spacer. The Gator Spacer will be left in the tile installation permanently, ensuring proper alignment and stability of your project for years to come.

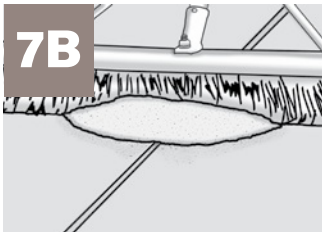
N.B. Gator Spacers are offered in 1/4", 3/16" and 1/8" (6.4 mm, 4.8 mm and 3.2 mm) joint sizes.

STEP 6
Installation of Gator Tile Edge and Gator Base Screws

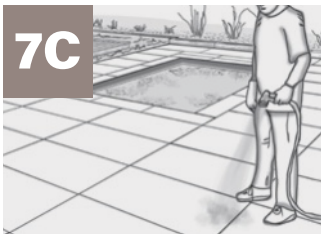
Install Gator Tile Edge on the Gator Base using Gator Base Screws, make sure that Gator Tile Edge rests firmly against the tiles. Use Gator Base Screws at every second hole.

STEP 7
Wet the area to be jointed

A Ensure the entire area to be jointed is thoroughly wet If the surface is dry or temperature is high, more water will be required to avoid staining of the surface when spreading the GATOR NITRO JOINT SAND.



B Open the bags and spread the contents over the paved surface. Wet the GATORNITRO JOINT SAND with a hose set on "shower" while using a squeegee or broom topush the GATOR NITRO JOINT SAND diagonally across the paved surface and into the joints. This action compacts and forces the GATOR NITRO JOINT SAND into the joints ensuring the gaps are completely filled.



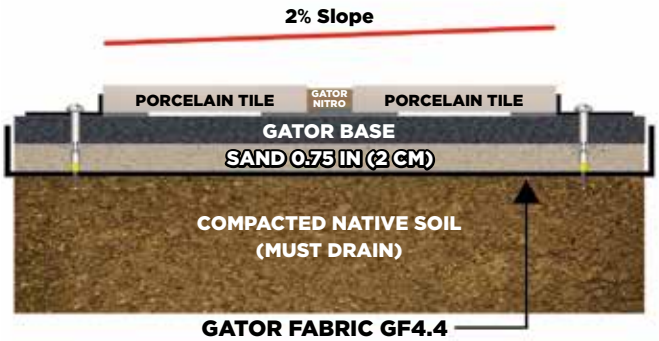
C The joints should be filled 1/8" (3 mm) below the top surface or 1/8" (3 mm) below the tile chamfer with the GATOR NITRO JOINT SAND. Shower the surface to rinse off excess material from the paved surface. Repeat steps 7A and 7B until the whole tiled area is completed. Any excess GATOR NITRO JOINT SAND residue left on the paved surface can be simply cleaned off by brushing and rinsing off the surface.

Note

For a nicer, smoother surface joint finish, use a suitable mason jointing tool. This process can only be done once Steps 7A-7C are completed and the Gator Nitro Joint Sand is in its curing phase. Allow 18 hours of cure time before pedestrian use. Temperature and humidity will impact curing time.

Required sub-surface preparation (traditional applications)

GATOR NITRO SAND is recommended for a variety of pedestrian uses including pool decks, patios, footpaths etc.



To use with 3/4 inch (20 mm) outdoor porcelain tile only. Sand or ASTM No. 9 Stone can be used under Gator Base panels.

- A minimum 2% top surface slope for proper water runoff
- GATOR NITRO SAND at least 1/8" (3 mm) lower than the tile chamfers
- Minimum depth of joint 3/4" (20 mm)
- Maximum spacer joint width 1/4" (6.4 mm)
- Gator Base must exceed the actual tiles installed by 6 inches (15 cm) on all sides
- Layer of sand 3/4" (20mm)
- For pedestrian applications
- The 7 components of the Gator Tile systems are to be used for the install

This cross-section represents the height of Gator Nitro Sand found in the joints

Maximum joint width 1/4" (6.4 mm)

EUROSTONE BOND INSTALLATION INSTRUCTIONS

Preparation information Important Notes

Always refer to the latest EUSOTONE BOND Technical Data Sheet (TDS) at Flex-lock.com before installing EUSOTONE BOND. Do not apply if the natural stone pavers are damp or wet. The damp or wet surface will cause EUROSTONE BOND to prematurely activate and will lead to the polymers sticking on the stone surface. Do not apply if the natural stone paver joints are damp or wet. This will prevent the EUROSTONE BOND from properly sliding into the joints and obtaining very densely packed joints, which is critical to the product's performance. Do not use if rain is expected within 24 hours. Avoid excessive watering or flooding of natural stone paver surface. For all natural stone paver surfaces, and particularly around in ground pools there must be a slope of 1/4 in. (6 mm) per linear foot away from the edge of the pool, or structures, to ensure optimal performance of the EUROSTONE BOND. For the pool coping units it is mandatory to use mortar in the joints. For the rest of the natural stone paver installation around the pool, you can use EUROSTONE BOND. Do not sweep EUROSTONE BOND over asphalt. Ensure that EUROSTONE BOND lies at least 1/8 in. (3 mm) below the top of the natural stone pavers or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires. The product must only be used as a recessed jointing material.

Eurostone Bond Installation Steps for a traditional base system on a new stone surface

Use a maximum of 1 inch (25 mm) of concrete sand as your bedding course to do the final levelling. Install natural stone pavers. Make sure the natural stone pavers are completely interlocked.

Make sure the sides and top surfaces of the natural stone pavers are dry before applying the EUROSTONE BOND polymeric sand. Sweep EUROSTONE BOND in between the stone joints.

Compact the sand between the joint with the help of a vibrating plate and a hand tamper in restricted areas. Sweep off all excess EUROSTONE BOND that is on the natural stone pavers surface. Ensure that EUROSTONE BOND lies at least 1/8 in. (3 mm) below the top of the natural stone pavers or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires. Repeat twice the sweeping and compacting of the joint to ensure a good consolidation of the joint.

Using a leaf blower, remove any EUROSTONE BOND residue from the natural stone pavers surfaces. Depending on the physical layout, it may be more appropriate to remove residue by using a vacuum unit.

Use a water gun connected to a hose to direct a shower (water gun setting: "shower" or equivalent) 4 feet high (1.2 m) so that it lands on a total area of 75 sq. ft. (7 sq. m.) of natural stone pavers for 10 to 15 seconds. Wait 3 to 4 minutes (no longer), then repeat this step twice, to remove residues from EUROSTONE BOND. However, stop watering if you notice water retention on the joints of natural stone pavers.

Repeat the directions of step 5 for all other paved areas that have not been showered with water. The water used in steps 5 & 6 will activate a bonding action as well as condense EUROSTONE BOND in the joints. It is important to water the EUROSTONE BOND a total of 3 times. Too little water will not properly activate the EUROSTONE BOND and will reduce the final performance.

IMPORTANT

If steps 5 & 6 are not done properly, a white haze may appear on natural stone pavers surface after installation. This is due to excess EUROSTONE BOND residue left on natural stone pavers surfaces. This haze will dissipate over time. It can also be removed by using FLEXLOCK efflorescence cleaner.

Eurostone Bond Installation Steps for an existing natural stone pavers surface

1 Remove existing jointing material. Be careful not to disturb the bedding material under the natural stone pavers. Natural stone pavers must be completely dry before installing a minimum of 1 1/4" (32 mm) deep into the joints. Ensure that EUROSTONE BOND lies at least 1/8 in. (3 mm) below the top of the natural stone pavers or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires.

2 Follow step 2 to step 6 of NEW STONE JOB instructions (above).

Eurostone Bond Installation Steps
for an overlay base system on a new natural stone pavers surface

1 Make sure the natural stone pavers are completely fixed in permeable mortar sand and cannot move.

2 Make sure the sides and top surfaces of the natural stone pavers are dry before applying the EUROSTONE BOND polymeric sand. Sweep EUROSTONE BOND in between the natural stone pavers joints.

3 Compact the sand between the joint with the help of a vibrating plate and a hand tamper in restricted area. Sweep off all excess EUROSTONE BOND that is on the natural stone pavers surface. Ensure that EUROSTONE BOND lies at least 1/8 in. (3 mm) below the top of the natural stone pavers or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires. Repeat twice the sweeping and compacting of the joint to ensure a good consolidation of the joint.

4 Using a leaf blower, remove any EUROSTONE BOND residue from the natural stone pavers surfaces. Depending on the physical layout, it may be more appropriate to remove residue by using a vacuum unit.

5 Use a water gun connected to a hose to direct a shower (water gun setting: "shower" or equivalent) 4 feet (1.2 m) high so that it lands on a total area of 75 sq. ft. (7 sq. m.) of natural stone pavers for 10 to 15 seconds. Wait 3 to 4 minutes (no longer), then repeat this step twice, to remove residues from EUROSTONE BOND. However, stop watering if you notice water retention on the joints of natural stone pavers.

6 Repeat the directions of step 5 for all other paved areas that have not been showered with water. The water used in steps 5 & 6 will activate a bonding action as well as condense EUROSTONE BOND in the joints. It is important to water the EUROSTONE BOND a total of 3 times. Too little water will not properly activate the EUROSTONE BOND and will reduce the final performance.

IMPORTANT

If steps 5 & 6 are not done properly, a white haze may appear on natural stone pavers surface after installation. This is due to excess EUROSTONE BOND residue left on natural stone pavers surfaces. This haze will dissipate over time. It can also be removed by using Flexlock efflorescence cleaner.

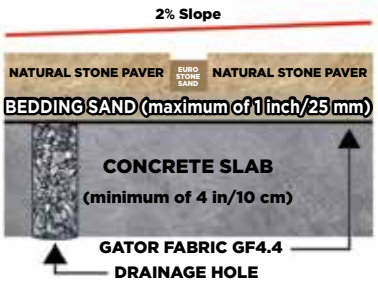
Sub-surface preparation

EUROSTONE BOND is recommended for a variety of uses, including pool sides, patios, foot paths, driveways, parking spaces, pavements, etc.

1.

2.

3.



1 Traditional base system

- A minimum 2% top surface slope for proper water runoff
- EUROSTONE BOND at least 1/8" (3 mm) below the paver stone surface.
- Minimum depth of joint 1-1/4" (32 mm)
- Maximum joint width 1-1/2" (38 mm)
- Layer of bedding sand maximum of 1" (25 mm)
- Layer of 6" (15 cm) thickness of 0-3/4" (0-20 mm) compacted crushed stone
- For light or heavy traffic applications the stone pavers must be completely interlocked

2 Overlay base system

- A minimum 2% top surface slope for proper water runoff
- EUROSTONE BOND at least 1/8" (3 mm) below the paver stone surface.
- Minimum depth of joint 1-1/4" (32 mm)
- Maximum joint width 1-1/2" (38 mm)
- Layer of Permeable mortar bed base
- Layer of 6" (15 cm) thickness of 0-3/4" (0-20 mm) compacted crushed stone
- For light or heavy traffic applications the stone pavers must be completely interlocked

3 Overlay base system

- A minimum 2% top surface slope for proper water runoff
- EUROSTONE BOND at least 1/8" (3 mm) below the paver stone surface.
- Minimum depth of joint 1-1/4" (32 mm)
- Maximum joint width 1-1/2" (38 mm)
- Layer of bedding sand maximum of 1" (25 mm)
- Layer of 4" (10 cm) thickness of concrete with 2" (5 cm) drainage hole every 10 feet (3 m) filled with 5/16" (8 mm) clean stone and cover with a geotextile for water evacuation
- For light or heavy traffic applications the stone pavers must be completely interlocked

This cross-section represents the height of polymeric sand found in the joints

Maximum joint width 1-1/2" (38 mm)

APPLICATION INSTRUCTIONS

Gator Shampoo

Please note

1 This product is not an efflorescence cleaner.
2 Do not let product dry up on surface.
3 Wear goggles and rubber gloves.
4 ALWAYS TEST the product on a small hidden area of approximately 4 sq. ft. (0.4 sq. m.) to ensure the results will meet your expectations.
5 Introduce liquid in 4 parts water, 1 part GATOR SHAMPOO concentrated liquid and mix, any concentration greater than this can discolor the pavers or use the Gator Sprayer attached to a one gallon, to ensure proper dilution of the GATOR SHAMPOO.
6 Do not apply under hot sun.
7 Keep paver surface wet from start to finish.

Instructions

1 Wet paver surface with water.
2 Use a Gator sprayer, pump sprayer or watering can to apply the diluted product GATOR SHAMPOO on the wet paver surface, then scrub the surface vigorously using a hard bristle brush. 1 U.S. gal. (3.78 L.) of diluted product is to be used for every 75 sq. ft. (7 sq. m.) of paver surface.
3 Rinse thoroughly with water and move on to the next section of 75 sq. ft. (7 sq. m.).
4 Repeat steps 2 & 3 over all the sections in question if needed.
5 Once the surface is clean, use a water hose and generously rinse off GATOR SHAMPOO until there is no more foaming action on the pavers.
NOTE: Repeat steps if there is a lot of dirt trapped in the pavers or natural stones.

Ideal Mixture

4 parts water, 1 part product.

Gator Sprayer

Gator Efflorescence Cleaner

Please note

1 GATOR EFFLORESCENCE CLEANER should be used prior to applying a sealer to ensure a proper sealer adhesion.
2 Freshly installed Gator Polymeric Sand must be allowed to cure for 48 hours at above 59°F (15°C) and no rain before using GATOR EFFLORESCENCE CLEANER.
3 Do not let product dry up on paver surface.
4 Wear goggles and rubber gloves.
5 Never use on new concrete pavers. Wait at least 60 days after new pavers are installed before using this product.
6 ALWAYS TEST the product on a small hidden area of approximately 4 sq. ft. (0.4 sq. m.) to ensure the results will meet your expectations. Do not apply under extremely strong sun.
7 Dilute to 4 parts water, 1 part GATOR EFFLORESCENCE CLEANER concentrated liquid, any concentration greater than this can discolor the pavers or use the Gator Sprayer attached to a one gallon, to ensure proper dilution of the GATOR EFFLORESCENCE CLEANER.

Instructions

1 Wet paver surface with water.
2 Use a Gator sprayer, pump sprayer or watering can to apply the diluted product on the wet paver surface. Wait one minute for product to react then scrub the surface vigorously using a hard bristle brush. 1 U.S. gal. (3.78 L.) of diluted product is to be used for every 40 sq. ft. (3.7 sq. m.) of paver surface.
3 Rinse thoroughly with water and move on to the next section of 40 sq. ft. (3.7 sq. m.).
4 Repeat steps 2 & 3 over all the sections in question.
5 Once the surface is clean, use water hose and generously rinse off GATOR EFFLORESCENCE CLEANER until there is no more foaming action on the pavers.
NOTE: You might have to redo it again if there is a lot of efflorescence trapped in the pavers.

Ideal Mixture

4 parts water, 1 part product.

Gator Efflorescence & Slurry Remover

Please note

1 GATOR EFFLORESCENCE CLEANER & SLURRY REMOVER should be used prior to applying a sealer to ensure a proper sealer adhesion.
2 Freshly installed Gator Polymeric Sand must be allowed to cure for 48 hours at above 59°F (15°C) and no rain before using GATOR EFFLORESCENCE CLEANER & SLURRY REMOVER.
3 Do not let product dry up on paver surface.
4 Wear goggles and rubber gloves.
5 Never use on new concrete pavers. Wait at least 60 days after new pavers are installed before using this product.
6 ALWAYS TEST the product on a small hidden area of approximately 4 sq. ft. (0.4 sq. m.) to ensure the results will meet your expectations. Do not apply under extremely strong sun.
7 Dilute to 8 parts water, 1 part GATOR EFFLORESCENCE CLEANER & SLURRY REMOVER concentrated liquid. Any concentration greater than this can discolor the pavers.

Instructions

1 Wet paver surface with water.
2 Use a pump sprayer or watering can to apply the diluted product on the wet paver surface. Wait one minute for product to react then scrub the surface vigorously using a hard bristle brush. 1 U.S. gal. (3.78 L.) of diluted product is to be used for every 40 sq. ft. (3,72 sq. m.) of paver surface.
3 Rinse thoroughly with water and move on to the next section of 40 sq. ft. (3,7 sq. m.).
4 Repeat steps 2 & 3 over all the sections in question.
5 Once the surface is clean, use water hose and generously rinse off GATOR EFFLORESCENCE CLEANER & SLURRY REMOVER until there is no more foaming action on the pavers.
NOTE: You might have to redo it again if there is a lot of efflorescence trapped in the pavers.

Ideal Mixture

8 parts water, 1 part product.

XP Oil and Grease Remover

Please note

Before using on sealed surfaces, ALWAYS TEST the product on a small hidden area of approximately 4 square inches (26 sq. cm.) to ensure the results will meet your expectations. Prior use of other cleaners may inhibit performance. If applied on sealed pavers it may damage the seal. Visit www.alliancegator.com/faq/faq-gator-clean/ for cleaning tips.

Not recommended for synthetic oil stains.

Instructions

Do not use on wet surfaces. Use above 40°F (4°C) and provide maximum ventilation.
1 Shake bottle before applying to stain, extending 1" (25 mm) beyond perimeter of the stain. Coating thickness should be 1/8" (3 mm).
2 Allow to dry completely to powder. Wait 12 to 24 hours, depending on temperature, humidity and ventilation.
3 Sweep it up. If area still appears dark, provide adequate ventilation and allow moisture to evaporate.
4 If stain remains, reapply, scrub with hard bristled brush, and repeat steps 2 and 3.
5 Rinse off any remaining residue with water.

Rust Remover

Please note

1 Do not let product dry up on paver surface.
2 Wear goggles and rubber gloves.
3 After using the GATOR RUST REMOVER on various spots, clean the entire paver surface with Gator Efflorescence Cleaner for an overall uniform color.

Instructions

1 Apply product on stain.
2 Let it soak for 2-3 minutes.
3 Scrub with a hard bristle brush.
4 Rinse thoroughly with water.
5 Repeat step 1 to 4 until the stain dissolves.

Rubber, Paint & Tar Remover +

Please note

1 This product dissolves sealants.
2 Do not let product dry up on paver surface.
3 Wear goggles and rubber gloves.
4 Use at above 60°F (16°C) in dry conditions.

Instructions

1 Apply product to stain.
2 Let it soak for 5 minutes.
3 Apply product again.
4 Immediately scrub with hard bristle brush.
5 Repeat steps 3 & 4 until stain dissolves.
6 Rinse thoroughly with water.

Sealer Stripper

Preparation

1 Surface must be clean and dry
2 Wet down all vegetation before beginning.
3 Protect and cover all areas such as vegetation.
4 Solvent resistant polyethylene sheets can be used as an effective barrier.
5 For best results, use above 50°F (10°C) and below 90°F (32°C).

Instructions

1 Always work in smaller manageable areas when stripping.
2 Use a brush or roller apply paste no less than a 1/8" (3 mm) thick.
3 On irregular surfaces use a nylon brush to force paste into intricate areas.
4 Reaction time between 3-24 hours if necessary.
5 Average spread rate of approximately 40-50 sq. ft. per gallon; results may vary based on surfaces texture and porosity.

Removal & Clean up

1 Use a pressure washer.
2 Immediately use a nylon brush and clean water to scrub residue off the surfaces.
3 Rinse thoroughly with water to remove all remaining residue.
4 For optimal results, low pressure washing is recommended for final rinse.
5 Dispose of dissolved coatings according to federal, (state/ province) and local regulations.

APPLICATION INSTRUCTIONS

GATOR HYBRID SEAL

Hybrid High Gloss +Color Enhancer

Hybrid Low Gloss +Color Enhancer

Hybrid High Gloss

Hybrid Low Gloss

Please Note

1 Conrete pavers should only be sealed 60 days after their installation date. Consult paver manufacturer's for their recommandation.
2 Do not apply if rain is expected within 24 hours.
3 Concrete paver surface must be cool to the touch.
4 Temperature should be between 40°F (5°C) and 85°F (29°C) when sealer is applied.

Application instuctions

1 TEST the product on a small hidden area of 4 sq. ft. (0.4 sq. m.) to ensure the results will meet your expectations.
2 Remove all the stains from the concrete pavers, using Gator Clean products. Use Gator Clean Sealer Stripper to remove any unknown coating that remains on the surface.
3 Remove all contaminated jointing material and replace with Gator Polymeric Sand. Follow the latest TDS instructions found on the web site.
4 Wait at least 48 hours at a minimum temperature of 60°F (16°C) and no rain for the Gator Polymeric Sand to properly harden.
5 Clean the entire surface with the Gator Efflorescence Cleaner. This product will remove the efflorescence and offer a proper sealer adhesion.
6 Wait at least 48 hours at minimum temperature of 60°F (16°C) and no rain so the sand & concrete paver surface are dry.
7 Best Practice: (See online video. 2 people needed.) Apply one (1) coat of GATOR HYBRID SEAL using a sprayer in 60 sq. ft. (5.6 sq. m.) sections, then use a water base foam roller (yellow) to remove the excess sealer or puddles left on the paved surface.
8 GATOR HYBRID SEAL is rain safe and could be used, after 24 hours.
9 Wear protective gloves, eye protection and respiratory protection.

GATOR SEAL

Wet Look High Gloss

Satin Look Low Gloss

Resealer

Please note

1 Conrete pavers should only be sealed 60 days after their installation date. Consult paver manufacturer's for their recommandation.
2 Concrete pavers and jointing sand MUST be 100% dry.
3 Temperature should be between 60°F (16°C) and 85°F (29°C) when sealer is applied.
4 Concrete paver surface must be cool to the touch when sealer is applied (between 60°F (16°C) and 85°F (29°C)).
5 First clean concrete pavers with Gator Clean products. Remove all oil, grease and rust stains.
6 Use Gator Efflorescence Cleaner to remove any trapped efflorescence. It also thoroughly cleans the surface to ensure a proper sealer adhesion.
7 Use just one (1) layer of sealer.
8 When using GATOR SATIN, WET LOOK or RESEALER assure yourself at least 48 hours of dry conditions prior to applying the sealer.
9 Specifically formulated to be used on unsealed surfaces only. Cannot be used as a resealer. When using GATOR RESEALER assure yourself at least 48 hours of dry conditions prior to applying GATOR RESEALER. If temperature is above 60°F (16°C) the surface should dry within hours.
10 Wear protective gloves, eye protection and respiratory protection.

Application instructions

1 ALWAYS TEST the product on a small hidden area of approximately 4 sq. ft. (0.4 sq. m.) to ensure the results will meet your expectations.
2 Remove all the stains from the concrete pavers, using Gator Clean products. Use Gator Clean Sealer Stripper to remove any unknown coating that remains on the concrete paver surface.
3 Remove all contaminated jointing material and replace with Gator Polymeric Sand. Follow the instructions on the back of the bags for proper sand installation
4 Wait at least 48 hours at a minimum temperature of 60°F (16°C) and no rain for the Gator Polymeric Sand to properly harden.
5 Clean the entire surface with the Gator Efflorescence Cleaner. This product will remove the efflorescence trapped in the concrete paver pores as well as thoroughly clean the surface for proper sealer adhesion.
6 Wait at least 48 hours at a minimum temperature of 60°F (16°C) and no rain so the sand & concrete paver surface are dry.
7 Best Practice: (See online video. 2 people needed.) Apply one (1) coat of GATOR SATIN, WET LOOK or RESEALER using a sprayer in 60 sq.ft (5.6 sq. m) sections, then use a solvent-resistant foam roller (black) to remove the excess sealer left on the surface.
8 GATOR SATIN, WET LOOK or RESEALER are water repellant, rain safe, after 90 min.
9 Let the sealer dry for 24 hours before using the sealed area.

Signature Series Natural Stone Zero Gloss

+Color Enhancer

Coverage

Granite:
400-600 sq. ft. per gal.
37.1–55.7 m^2 per 3.78 L

Travertine:
500-700 sq. ft. per gal.
46.4–65 m^2 per 3.78 L

Limestone:
300-500 sq. ft. per gal.
27.9–46.4 m^2 per 3.78 L

Sandstone:
200-400 sq. ft. per gal.
18.6–37.1 m^2 per 3.78 L

Bluestone:
200-400 sq. ft. per gal.
18.6–37.1 m^2 per 3.78 L

Coverages are approximate and will vary based on stone porosity, joint width and other factors.

Please note

1 Natural stones should only be sealed 60 days after their installation date. Consult natural stone manufacturers for their recommendation.
2 Natural stones and jointing sand MUST be 100% dry.
3 Temperature should be between 50°F (10°C) and 80°F (27°C) when sealer is applied.
4 Natural stone surface must be cool to the touch when sealer is applied (ambient temperature between 50°F (10°C) and 80°F (27°C)).
5 First clean natural stones with Gator Clean products. Remove all oil, grease and rust stains.
6 Use Gator Efflorescence Cleaner to remove any trapped efflorescence. It also thoroughly cleans the surface to ensure a proper sealer adhesion.
7 Use just one (1) layer of sealer.
8 When using SIGNATURE SERIES NATURAL STONE SEALER, assure yourself at least 48 hours of dry conditions prior to applying the sealer.
9 Specifically formulated to be used on unsealed surfaces only. Cannot be used as a resealer.
10 Wear protective gloves, eye protection and respiratory protection.
11 Always keep surfaces dry and clean to reduce slip-fall accidents. This sealer is not anti-slip. Precautions should be taken around pools and showers.
12 Do not let it dry (white film or slippery residue may form). If not wiped dry after 5-10 minutes, residue may form. Do not pressure-wash. Not resistant from acids or caustic chemicals. Do not dilute. Not for food handling surfaces. Not for glazed tile or non-porous surfaces. Apply between 50-80°F (10-27°C). Dry residue after a long period may be removed by adding more sealer or mechanically.

Application instructions

1 ALWAYS TEST the product on a small hidden area of approximately 4 sq. ft. (0.4 sq. m.) to ensure the results will meet your expectations.
2 Remove all the stains from the natural stones, using Gator Clean products. Use Gator Clean Sealer Stripper to remove any unknown coating that remains on the natural stone surface.
3 Remove all contaminated jointing material and replace with Gator Polymeric Sand. Follow the instructions on the back of the bags for proper sand installation.
4 Wait at least 48 hours at a minimum temperature of 50°F (10°C) and no rain for the Gator Polymeric Sand to properly harden.
5 Clean the entire surface with the Gator Efflorescence Cleaner. This product will remove the efflorescence trapped in the natural stone pores as well as thoroughly clean the surface for proper sealer adhesion.
6 Wait at least 48 hours at a minimum temperature of 50°F (10°C) and no rain so the sand & natural stone surface are dry.
7 Dry surface for 24 hrs prior to apply sealer. Apply one (1) coat of SIGNATURE SERIES NATURAL STONE SEALER using a sprayer (HVLP), nap roller (1/4 "-3/8" (5-10 mm)), squeegee, sponge or rag. Apply in 60 sq. ft. (5.6 sq. m.) sections at a time. Use a nap roller or squeegee to remove excess sealer from the surface. Allow remaining sealer to penetrate 5-10 minutes. Wipe and remove any excess sealer with clean, dry, lint-free cotton cloths. Repeat after 30 minutes if not well sealed (make the test with a drop of water).
8 SIGNATURE SERIES NATURAL STONE SEALER is water repellant, rain safe after 24 hours.
9 Let the sealer dry for 8 hours for foot traffic (keep surface dry) and 72 hours for vehicular traffic.

Signature Series Natural Look Natural Look Finish Zero Gloss

Multi-Purpose

Please note

1 Concrete pavers should only be sealed 60 days after their installation date. Consult concrete paver manufacturers for their recommendation.
2 Temperature should be between 32°F (0°C) and 85°F (29°C) when sealer is applied.
3 Concrete paver surface must be cool to the touch when sealer is applied (between 32°F (0°C) and 85°F (29°C)).
4 First clean concrete pavers with Gator Clean products. Remove all oil, grease and rust stains.
5 Use Gator Efflorescence Cleaner to remove any trapped efflorescence. It also thoroughly cleans the surface to ensure a proper sealer adhesion.
6 Use just one (1) layer of sealer.
7 SIGNATURE SERIES NATURAL LOOK SEALER can be applied on dry or damp surfaces.
8 Specifically formulated to be used on unsealed surfaces only. Cannot be used as a resealer.
9 Wear protective gloves, eye protection and respiratory protection.

Application instructions

1 ALWAYS TEST the product on a small hidden area of approximately 4 sq. ft. (0.4 sq. m.) to ensure the results will meet your expectations.
2 Remove all the stains from the concrete pavers, using Gator Clean products. Use Gator Clean Sealer Stripper to remove any unknown coating that remains on the concrete paver surface.
3 Remove all contaminated jointing material and replace with Gator Polymeric Sand. Follow the instructions on the back of the bags for proper sand installation.
4 Wait at least 48 hours at a minimum temperature of 32°F (0°C) and no rain for the Gator Polymeric Sand to properly harden.
5 Clean the entire surface with the Gator Efflorescence Cleaner. This product will remove the efflorescence trapped in the concrete paver pores as well as thoroughly clean the surface for proper sealer adhesion.
6 Wait at least 48 hours at a minimum temperature of 32°F (0°C) and no rain so the sand & concrete paver surface are dry.
7 Best Practice: Apply one (1) coat of SIGNATURE SERIES NATURAL LOOK SEALER using a sprayer in 60 sq. ft. (5.6 sq. m.) sections, then use a water base (yellow) foam roller to remove the excess sealer left on the surface.
8 SIGNATURE SERIES NATURAL LOOK SEALER is water repellant, rain safe after 24 hours.
9 Let the sealer dry for 24 hours before using the sealed area.

GATOR
ROCK
BOND

Application instuctions Please note

Wear gloves to avoid having binder sticking on your hands. Products should be mixed in a masonry mixer or in a wheelbarrow or on a plywood board.

1 Prepare a solid base by densely compacting 4˝ (10 cm) of crushed stones.
2 Mix one 1/2 quart (473 ml) container of GATOR ROCK BOND with 100% dry clean riverstone (40 lb / 18.2 kg) provided for 4 minutes.
3 Trowel the mixed riverstone on the surface desired within 20 minutes after mixing.

Application instuctions when using Gator Rock Bond binder only

Types of rock that can be used:
GRANITE • LIMESTONE • MARBLE
1/8˝ to 3/8˝ (3 mm to 10 mm)
these rocks have to be clean, free of dust & 100% dry.

Method of application of GATOR ROCK BOND
1 Prepare a solid base by densely compacting 4˝ (10 cm) of crushed stones.
2 Mix in a ratio of one container (1 US gal. / 3.78L) of GATOR ROCK BOND with (320 lb / 145 kg) the above mentioned dry clean stones for 4 minutes. Mix products automatically with a masonry mixer or you can manually mix on a sheet of plywood or in a wheel barrow.
3 Trowel the mixed riverstone on the surface desired, within 20 minutes after mixing.

Please note

1 For pedestrian use only.
2 Works above 60°F (16°C).
3 Allow 24 hours to dry without rain.
4 All tools used could be cleaned using Gatorene.
5 GATOR ROCK BOND has a high gloss appearance when first applied, the shine will gradually diminish within 3 months. This will not affect the bonding of the stones.

GATOR SEAL CHART

GATOR HYBRID SEAL

Product Name	Hybrid High Gloss +COLOR ENHANCER	Hybrid Low Gloss +COLOR ENHANCER	Hybrid High Gloss	Hybrid Low Gloss
Formulation	Water-Based	Water-Based	Water-Based	Water-Based
Finish	High Gloss	Low Gloss	High Gloss	Low Gloss
Color Enhancer	Vibrant	Vibrant	None	None
Joint Stabilizer	√	√	√	√
Film-Former	√	√	√	√
Can be applied on Damp Surface	√	√	√	√
Rain-Safe After	24 hours	24 hours	24 hours	24 hours
Dry Cast Concrete Paver	√	√	√	√
Wet Cast	√	√	√	√
Natural Stone				
Masonry	√	√	√	√

Protect and enhance your hardscape project with one of the many sealer products offered by Alliance.

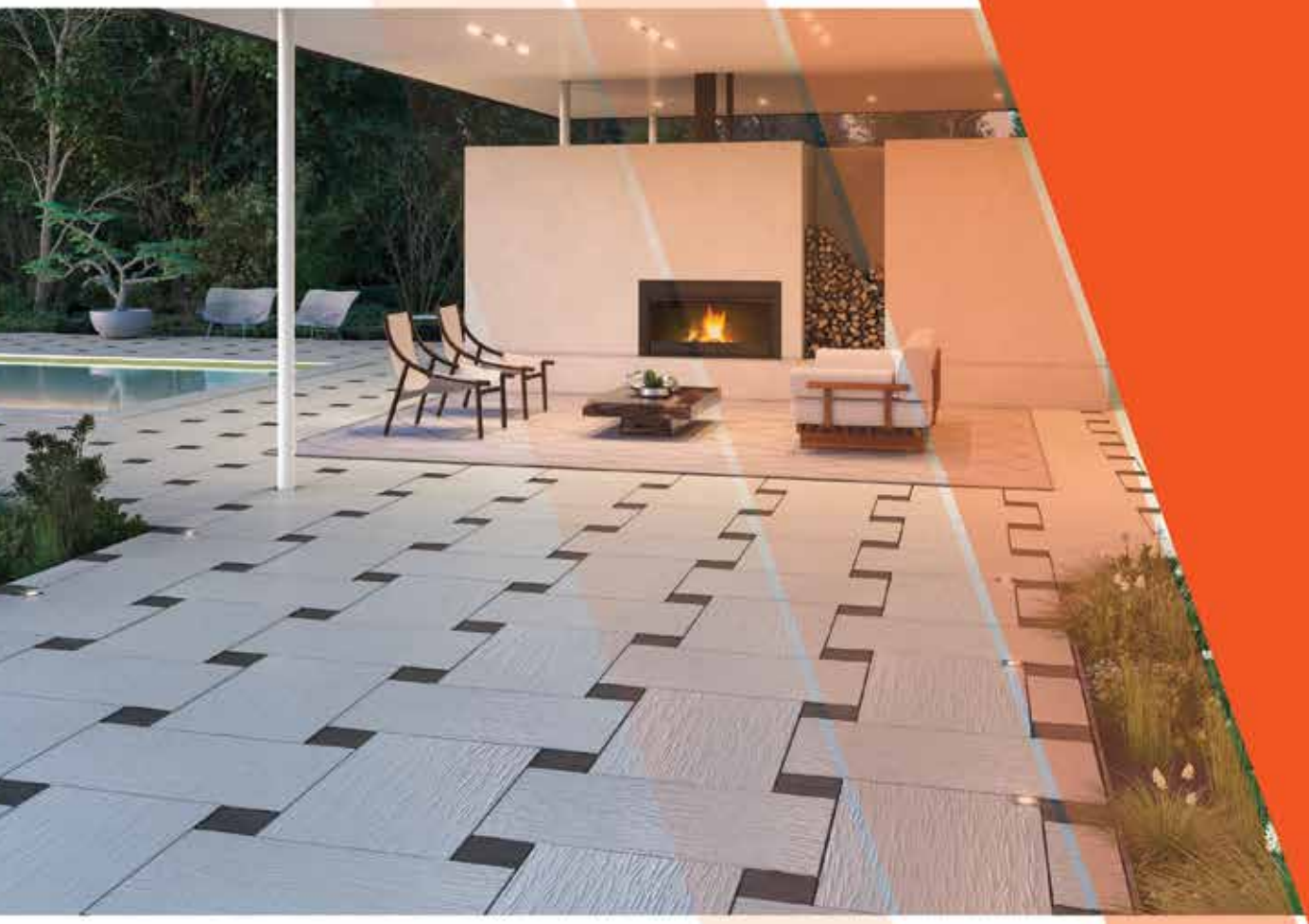
To learn more, visit Flex-lock.com

GATOR SEAL

Signature SERIES

Wet Look **High Gloss** Vibrant Color Enhancer	**Satin Look** **Low Gloss** Subtle Color Enhancer	**Natural Stone** Zero Gloss **+ COLOR ENHANCER**	**Natural Look** Natural Look Finish, Zero Gloss **MULTI-PURPOSE**
Solvent-Based	**Solvent-Based**	**Water-Based**	**Water-Based**
High Gloss	**Low Gloss**	**Zero Gloss**	**Zero Gloss**
Vibrant	**Subtle**	**Vibrant**	**None**
√	√		
√	√		
			√
90 minutes	**90 minutes**	**24 hours**	**24 hours**
√	√		√
√	√		√
		√	√
√	√		√
Before After	Before After	Before After	Before After
Before After	Before After	Before After	Before After

All products are SCAQMD-compliant. First test the product on a small, less-observed area of approximately 4 sq. ft. (0.4 m^2) to ensure results meet your expectations. Expect final color, variation and shade (lightness-darkness) to vary in most instances. All concrete or natural stone exhibit variations, therefore the sample charts should be used as a general guideline only when selecting sealer type. Color matches cannot be guaranteed.



FLEXLOCK

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