



**GATOR BLOCK BOND XP**  
**LOW VOC POLYURETHANE ADHESIVE**

TDS Revision Date (dd/mm/yyyy): 03/02/2026



## TECHNICAL DATA SHEET

**Update:** February 3, 2026  
Make sure you have an updated data sheet on hand.  
Canada and U.S. dial **1-855-847-7767** or (450) 624-1611

**Description:** **GATOR BLOCK BOND ADHESIVE** is one of the strongest polyurethane adhesives on the market. It is especially formulated for bonding concrete, natural stones, blocks, bricks and pavers. **GATOR BLOCK BOND ADHESIVE** is intended to provide a permanent bond to approved materials such as artificial turf. **GATOR BLOCK BOND ADHESIVE** can be used on dry or humid surfaces. Drying times vary depending on factors such as humidity, porosity, temperature and materials bonded together.

**Ideal for:**

- Overlays & pool copings
- Steps & wall caps
- Fire pits (up to 400°F (204°C))
- Concrete pavers & bricks
- Dry & damp surfaces
- Permanent bond in 24 hrs
- Retaining Walls
- Stones
- Outdoor porcelain tiles
- Artificial turf

**Features:**

- Permanent Bond in 24 hours
- Long open time – repositioning up to 30 minutes
- Works above 32°F / 0°C
- High solids – provides excellent coverage
- Non-shrinking – does not crack or lose bond
- Xtra Bond Strength (up to 3 times the strength of conventional adhesives)
- Xtra Durability against torsion and tension
- Waterproof
- VOC compliant
- Low odor

**NEW**  
**NOW FOR**  
**ARTIFICIAL TURF**

**PLEASE NOTE:**

- Wear gloves during application of adhesive; once cured, material cannot be removed.
- Not intended for applications with continuous submersion.
- If adhesion to a substrate is questionable, a test application must be conducted.
- To ensure optimal adhesion, make sure that the concrete or stone surfaces are clean and free of any foreign matter.
- Material may be repositioned for up to 30 minutes without losing bond strength. Moisture will shorten the open time of polyurethane adhesives. Avoid use when raining or onto standing water.
- **GATOR BLOCK BOND XP LOW VOC** polyurethane adhesive forms a tenacious bond overnight. Cure time varies with temperature, humidity, and the porosity of the materials joined.
- Clean all tools and equipment immediately after use with mineral solvent or an equivalence. Cured material must be mechanically removed.
- Proper application is the responsibility of the user.



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### Application instructions:

1. A. Always refer to the latest **GATOR BLOCK BOND XP LOW VOC** [Technical Data Sheet \(TDS\)](#) at [Flex-lock.com](#) before installing **GATOR BLOCK BOND XP LOW VOC**.  
B. Make sure that the surfaces you are bonding together are clean.
2. Cut the spout and puncture a hole in the cartridge with a nail.
3. Using a caulking gun, apply **GATOR BLOCK BOND ADHESIVE** on the clean surfaces. If **GATOR BLOCK BOND ADHESIVE** is used with **GATOR XTURF**, apply in a serpentine pattern over **GATOR XTURF Seam Tape for XTRA** performance and permanent adhesion.
4. Join the two surfaces firmly, use twisting motion. **GATOR BLOCK BOND ADHESIVE** works at above-freezing temperatures. Material may be repositioned up to 30 minutes without losing bond strength. Moisture will shorten the open time of polyurethane adhesives. Avoid use when raining or onto standing water. Coverage: Provides approximately 30 linear feet of 1/4" bead with a 10 oz tube. and 84 linear feet with a 28 oz tube.

**Composition:** **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE** is a high-content polyurethane elastomer that cures by reaction with atmospheric moisture.

**Curing time:** **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE** forms a tenacious bond overnight. Cure time varies with temperature, humidity, and the porosity of the materials joined.

| Adhesive strength chart: |                      | 24hr    | 7 days   |
|--------------------------|----------------------|---------|----------|
|                          | Concrete to concrete | 850 psi | 1000 psi |

### Coverage:

| GATOR XP POLYURETHANE ADHESIVE - XTRA PERFORMANCE<br>COVERAGE FOR 1/4" BEAD (APPROX.) |         |                 |       |
|---------------------------------------------------------------------------------------|---------|-----------------|-------|
| 10 oz. / 296 ml                                                                       |         | 28 oz. / 828 ml |       |
| ft                                                                                    | m       | ft              | m     |
| 28-32                                                                                 | 8.5-9.5 | 79-90           | 24-27 |

**Clean up:** Clean all tools and equipment immediately after use with mineral solvent or an equivalence. Cured material must be mechanically removed.

| Packaging: | Product                                                  | Size           | Cartridges per Box | Boxes per Pallet |
|------------|----------------------------------------------------------|----------------|--------------------|------------------|
|            | <b>GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE</b> | 10 oz / 296 ml | 12                 | 90               |
|            | <b>GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE</b> | 28 oz / 828 ml | 12                 | 60               |

**Storage:** Boxes / Pallets have to be stored inside. Store in a cool, dry area away from direct sunlight. The inside storage unit has to be heated during the winter. Storing at elevated temperatures will reduce shelf life.

**Shelf life:** 1 year when properly stored.

| Properties: | PROPERTY             | VALUE         |
|-------------|----------------------|---------------|
|             | Working or open time | Up to 1 hr    |
|             | Flash point          | 250°F (121°C) |
|             | Shrinkage            | None          |

**Specifications:** Exceeds ASTM D3498 and ASTM C557