



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

TDS Revision Date (dd/mm/yyyy): 06/10/2021

TECHNICAL DATA SHEET

Update:

October 6, 2021

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 XP LOW VOC POLYURETHANE ADHESIVE is one of the strongest polyurethane adhesives on the market. It strongly adheres to concrete pavers, porcelain tiles, stones, retaining wall, masonry units & bricks. It is especially formulated for overlays, pool copings, steps & wall caps. **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE** is designed to provide a permanent bond in 24 hours to the above materials if properly installed.

Ideal for:

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

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

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 [AllianceGator.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 XP LOW VOC POLYURETHANE ADHESIVE** on the clean surfaces.
4. Join the two surfaces firmly, use twisting motion.

Composition:

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

Curing time:

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Adhesive strength chart:

	24hr	7 days
Concrete to concrete	850 psi	1000 psi

Coverage:

GATOR XP POLYURETHANE ADHESIVE - XTRA PERFORMANCE 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
GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE	10 oz / 296 ml	12	90
GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE	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

Specific tions:

Exceeds ASTM D3498 and ASTM C557



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