



GATOR BLOCK BOND XP
LOW VOC POLYURETHANE ADHESIVE
 TDS Revision Date (dd/mm/yyyy): 22/01/2024

TECHNICAL DATA SHEET



Update: January 22, 2024
 Make sure you have an updated data sheet on hand.

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, 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.

PROPERTIES:	PROPERTY	VALUE
	Working or open time	Up to 1 hr
	Flash point	121°C
	Shrinkage	None

Features & Benefits:

FEATURES	BENEFITS
Low VOC	Environmentally friendly
Low odor	Safe to use indoors or out; For indoors, good ventilation is needed.
Strong and versatile	Permanently bonds together almost anything
High solids	Provides excellent coverage
Non-shrinking	Does not crack or lose bond
High strength	Stronger than many substrates it joins together;
Fast curing	Provides permanent bond after 24 hrs
Long open time	Offers flexibility in repositioning up to 30 minutes; user friendly
Broad service temperature range Works above 0°C	Suitable for use in hot & cold, dry & damp environments

For Use On:

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

Application instructions:

METHOD of application of **GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE**

To ensure optimal adhesion, make sure that the concrete or stone surfaces are clean and free of any foreign matter. Drying times vary depending on factors such as humidity, porosity, temperature and materials bonded together.

1. 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.



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Please Note: 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.

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.

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

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

Adhesive strength chart:

	24hr	7 days
Concrete to concrete	5860 kPa	6895 kPa

Coverage:

GATOR XP POLYURETHANE ADHESIVE - XTRA PERFORMANCE COVERAGE FOR 6 MM BEAD (APPROX.)	
296 ml	
m	
~9	

Packaging:	Product	Size	Cartridges per Box	Boxes per Pallet
	GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE	296 ml	12	90

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.

For best performance:

- 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.
- Make certain that the most current versions of product data sheet
- Proper application is the responsibility of the user.



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