



GATOR BLOCK BOND

Gator Block Bond XP Low VOC Polyurethane Adhesive

TDS Revision Date (dd/mm/yyyy): 1/04/2014



Technical Data Sheet

UPDATE:

April 1, 2014

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, 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	250°F (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; up to 3 times the strength of conventional adhesives
Fast curing	Provides permanent overnight bond
Long open time	Offers flexibility in repositioning; user friendly
Broad service temperature range	Suitable for use in hot and cold environments
Works above 32°F/0°C	

FOR USE ON:

- 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

APPLICATION INSTRUCTIONS:

METHOD of application of **Gator Block Bond XP Low VOC Polyurethane Adhesive**

To ensure optimal adhesion, make sure that the concrete and 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 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 a dry cloth; 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	850 psi	1000 psi

SPECIFICATIONS: Exceeds ASTM D3498 and ASTM C557

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

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.

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 and MSDS are being used.
- Proper application is the responsibility of the user.

WARNING: Contains hydrotreated middle petroleum distillate, methylene bisphenyl diisocyanate and polymethylene polyphenyl isocyanate.

INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

RISK PHRASES: May cause skin and eye irritation. Repeated or prolonged contact with skin may cause sensitization. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. Ingestion may cause irritation. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage.

PRECAUTIONARY MEASURES: Keep container closed. Use only with adequate ventilation. Prevent contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations. All label warnings must be observed until container is commercially cleaned or reconditioned.

FIRST AID MEASURES: In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION. Refer to Material Safety Data Sheet (MSDS) for further information.



KEEP OUT OF THE REACH OF CHILDREN. DANGER!

VAPOR MAY CAUSE ALLERGIC RESPIRATORY REACTION. OVEREXPOSURE MAY CAUSE LUNG DAMAGE. CAUSES SEVERE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. CAUSES SKIN IRRITATION.