**TECHNICAL DATA SHEET**

**Update:** August 18, 2016

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 ROCK BOND** is a one component binder, that mixed with riverstone creates a durable permeable and decorative surface. Great for garden pathways where erosion and drainage is a concern.

**Ideal For:**
- Banding, edging and trimming.
- Pathways.
- Walkways.
- Tree wells.

**Advantages:**
- Porous & permeable.
- Keeps stones in place.
- Reduce maintenance & clean up.
- Durable in extreme conditions.

**Installation instructions:**

**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.

**METHOD of application of GATOR ROCK BOND:**
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 the 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.

**Please note:**
- For pedestrian use only.
- Works above 60°F (16°C).
- Allow 24 hours to dry without rain.
- All tools used could be cleaned using Gatorene.

**Included In Pail**
- Liquid Binding agent (1/2 quart /473ml)
- Riverstone (40 lb/18.2 kg)

**Coverage Per Kit:**
1 kit, at a 1/2” surface thickness, will cover approx. 8 to 10 sq. ft.
(1 kit, at a 13 mm surface thickness, will cover approx. 0.75 to 0.9 sq. m.)

**Storage:**
Store in a cool, dry, well ventilated area. Store in upright position. Toxic if swallowed. Store at above freezing temperature 32°F (0°C). Shelf life is 1 year in original unopened container.

**Warning!**
Refer to material safety data sheet for further information. Avoid ingestion or eye contact. Avoid contact with strong alkalines or acids.
First Aid

Ingestion:

Call physician or Poison control centre immediately. Do not induce vomiting unless directed to do so by medical personnel. Eye Contact: Flush contaminated area with water for 15 minutes. Consult a physician if necessary.

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Call physician or Poison control centre immediately. Do not induce vomiting unless directed to do so by medical personnel. Eye Contact: Flush contaminated area with water for 15 minutes. Consult a physician if necessary.

Packaging:

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
<th>per Box</th>
<th>per Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gator Rock Bond and Binder Kit</td>
<td>40 lbs of Rock</td>
<td></td>
<td>48 kits</td>
</tr>
<tr>
<td></td>
<td>1/2 quart (473 ml) of binder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WARRANTY:

ALLIANCE DESIGNER PRODUCTS INC. cannot guarantee results as it has no control over surface and sub-surface preparation and product application. ALLIANCE DESIGNER PRODUCTS INC. agrees that, if the product is proven to be defective, and on the condition that it was installed pursuant to the method of application of surface and sub-surface preparation described above, then ALLIANCE DESIGNER PRODUCTS INC. agrees to refund the purchase price. Proof of purchase is required for any claim. EXCLUSION OF RESPONSIBILITY THE PARTIES AGREE THAT REFUND OF THE PURCHASE PRICE AS STATED IS THE ONLY OBLIGATION OF ALLIANCE DESIGNER PRODUCTS INC. IN ALL EVENTS, ALLIANCE DESIGNER PRODUCTS INC., SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES OR COSTS, DIRECT OR CONSEQUENTIAL. TO THE EXTENT PERMITTED BY LAW, ALLIANCE DESIGNER PRODUCTS INC., EXCLUDES ANY IMPLIED WARRANTY OF QUALITY, MERCHANTABILITY OR FITNESS FOR PURPOSE.
Update: August 18, 2016
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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:

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working or open time</td>
<td>Up to 1 hr</td>
</tr>
<tr>
<td>Flash point</td>
<td>250°F (121°C)</td>
</tr>
<tr>
<td>Shrinkage</td>
<td>None</td>
</tr>
</tbody>
</table>

Features & Benefits:

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low VOC</td>
<td>Environmentally friendly</td>
</tr>
<tr>
<td>Low odor</td>
<td>Safe to use indoors or out;</td>
</tr>
<tr>
<td></td>
<td>For indoors, good ventilation is needed.</td>
</tr>
<tr>
<td>Strong and versatile</td>
<td>Permanently bonds together almost anything</td>
</tr>
<tr>
<td>High solids</td>
<td>Provides excellent coverage</td>
</tr>
<tr>
<td>Non-shrinking</td>
<td>Does not crack or lose bond</td>
</tr>
</tbody>
</table>
| 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.
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:

<table>
<thead>
<tr>
<th></th>
<th>24hr</th>
<th>7 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete to concrete</td>
<td>850 psi</td>
<td>1000 psi</td>
</tr>
</tbody>
</table>

Specifications:
Exceeds ASTM D3498 and ASTM C557

Coverage:

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
<th>Cartridges per Box</th>
<th>Boxes per Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE</td>
<td>10 oz / 296 ml</td>
<td>12</td>
<td>90</td>
</tr>
<tr>
<td>GATOR BLOCK BOND XP LOW VOC POLYURETHANE ADHESIVE</td>
<td>28 oz / 828 ml</td>
<td>12</td>
<td>60</td>
</tr>
</tbody>
</table>

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. OVER EXPOSURE MAY CAUSE LUNG DAMAGE. CAUSES SEVERE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. CAUSES SKIN IRRITATION.
TECHNICAL DATA SHEET

Update: August 18, 2016
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 High Performance Low VOC Adhesive is one of the best adhesives on the market. It is especially formulated for bonding concrete, natural stones, blocks, bricks and pavers. Gator Block Bond High Performance Low VOC Adhesive is formulated to provide a permanent bond to the above materials if properly installed.

Features & benefits:

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
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<tr>
<td>High solids</td>
<td>Provides excellent coverage</td>
</tr>
<tr>
<td>High performance</td>
<td>Stronger than many substrates.</td>
</tr>
<tr>
<td>Broad service temperature range</td>
<td>Works on dry and damp surfaces</td>
</tr>
<tr>
<td>Works above 32°F/0°C</td>
<td></td>
</tr>
</tbody>
</table>

For use on: • Retaining walls • Masonry units • Stones & bricks • Concrete pavers • Dry & damp surfaces

Application instructions:
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 High Performance Low VOC Adhesive on the clean surfaces.
4- Join the two surfaces firmly, use twisting motion.
Please note: Avoid use when raining or onto standing water (saturated surfaces).

Clean up: Clean all tools and equipment immediately after use with a dry cloth; Cured material must be mechanically removed.

Coverage:

<table>
<thead>
<tr>
<th>Coverage for 1/4&quot; bead (approx.)</th>
<th>10 oz / 296 ml</th>
<th>28 oz / 828 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft</td>
<td>m</td>
<td>ft</td>
</tr>
<tr>
<td>28-32</td>
<td>8.5-9.5</td>
<td>79-90</td>
</tr>
</tbody>
</table>

Packaging:

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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 version of product is being used.
- Proper application is the responsibility of the user.

PRECAUTIONS

Extremely flammable liquid. Harmful by inhalation. May be harmful if swallowed. Severely irritating to eyes. Irritating to respiratory system and skin. Defatting to the skin. Keep away from heat, sparks and flame. Avoid exposure - obtain special instructions before use. Do not breathe vapor or mist. Do not ingest. Do not get in eyes. Avoid contact with skin and clothing. May cause target organ damage. Contains material which can impair female fertility. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. DANGER Class B-2: Flammable liquid   Class D-2A: Material causing other toxic effects (Very toxic). Class D-2B: Material causing other toxic effects (Toxic). FIRST AID   Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. Skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately. Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately. Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately. SEE MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT

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.
TECHNICAL DATA SHEET

Update: August 18, 2016
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 STONE BOND AND XP are a unique blend of acrylic polymers designed to bind together a wide variety of small aggregates commonly referred to as decomposed granites (dg): pathway mixes, crusher runs, etc.

Features:
• GATOR STONE BOND XP is sold in Canada and USA.
• GATOR STONE BOND is only sold in the following states: California, Nevada, Texas, Arizona
  • Easy one-coat process.
  • Creates a strong bond on a wide variety of aggregates.
  • Resists surface erosion from both rain water and foot traffic.

Benefits:
• Ready to use right out of the container.
• Easy to apply, one-coat application.
• Reduces dust, gravel migration and erosion.
• Allows for the use of patio/pathway year round.
• No special tools or skills required to build.
• Build using local aggregates.
• Will not harm plants or aquatic life.
• EPA-compliant.

Installation instructions:
1. AGGREGATE SELECTION FOR FINAL SURFACE: Select an aggregate that contains a variety of sizes. For instance, crushed stone mixes such as 3/8 minus, 1/4 minus or 3/16 minus work well with GATOR STONE BOND or GATOR STONE BOND XP, whereas single size aggregates like 3/8 rock or pea gravel are not suitable. Screenings with extremely high fine content are not suitable either. To ensure compatibility of selected aggregate with GATOR STONE BOND or GATOR STONE BOND XP, prepare a test area.

2. STRUCTURAL STONE BASE PREPARATION: Before starting the actual project, factors such as climate, native soil type and amount of use, should be taken into consideration. As a rule of thumb, “The better the base preparation, the better the results.”
  Option 1 - For optimum performance, install 4 to 6 in of 3/4 minus crushed stone, then compact using a vibratory plate compactor.
  Option 2 - Install 2 to 4 in of 3/4 minus or 3/8 minus, 1/4 minus or 3/16 minus crushed stone, then compact using a vibratory plate compactor. In restricted areas where a compactor will not fit, use a hand tamper.

3. SURFACE AGGREGATE: Spread a maximum of 1 in surface aggregate over the compacted structural stone base. Rake or screed to the desired level, a minimum slope of 2 degrees to allow water runoff. Do not compact until after GATOR STONE BOND or GATOR STONE BOND XP has been applied.
Installation instructions (cont.):

4. APPLY THE GATOR STONE BOND or GATOR STONE BOND XP: Using a watering can or pump sprayer, apply the GATOR STONE BOND or GATOR STONE BOND XP to the surface at the rate of 15 sq ft per gallon for residential pedestrian use, or 10 sq ft per gallon for commercial pedestrian use. Allow GATOR STONE BOND or GATOR STONE BOND XP to fully penetrate through the material.

5. COMPACTION: While surface is still damp but not saturated, compact the surface with a vibratory plate compactor; 2 or 3 passes are recommended. In restricted areas where a compactor will not fit, use a hand tamper. The better the compaction, the better the results.

Instructions for rebuilding AN EXISTING SURFACE

1. Scarify or rototill at least 1 in of the surface, break up any clumps, make any necessary repairs, and add new surface aggregate as needed.
2. Apply GATOR STONE BOND or GATOR STONE BOND XP at the rate of 15 sq ft per gallon; allow liquid to penetrate.
3. Compact using a vibratory plate compactor. In restricted areas where a compactor will not fit, use a hand tamper.

Instructions for maintaining AN EXISTING SURFACE:

1. Make repairs as needed.
2. Apply GATOR STONE BOND or GATOR STONE BOND XP at the rate of 20 to 45 sq ft per gallon. Some judgement will be needed, as consideration for absorption and desired results should be taken into account.
3. Compact any loose areas.

IMPORTANT

• GATOR STONE BOND OR XP are not sealers, we do not recommend using it as such.
• Where the vibratory plate will not reach use a hand tamper or a block of wood and a hammer, compact corners and other hard to reach areas.
• All crushed stone aggregates are not created equal, when in doubt, do a test area.
• GATOR STONE BOND OR XP does work on sands, but sands are not considered as strong “structurally speaking” as a crushed stone mix with larger size stones like a 3/8 minus would have.
• GATOR STONE BOND OR XP may slightly darken the crushed stone mix.
• GATOR STONE BOND OR XP is not concrete, expect that some surface aggregates will become loose over time.
• In some instances a crack may appear, if the foundation is not well prepared.
• Slope the surface so water will run off.
• Form or taper the edges (if you choose to form, leave them in place when done).
• Allow 24 to 48 hours at a temperature above 60°F (16°C) for surface to cure.
• Do not apply GATOR STONE BOND OR XP if rain is expected within 48 hours.
• Please store GATOR STONE BOND OR XP container at above 32°F (0°C).
• GATOR STONE BOND XP is sold in Canada and USA.
• GATOR STONE BOND is only sold in the following states: California, Nevada, Texas, Arizona.
GATOR STONE BOND & XP
FOR PATHWAYS, PATIOS AND WALKWAYS
TDS Revision Date (dd/mm/yyyy): 18/08/2016

Coverage:
Divide your coverage surface into sections
to ensure a equal application of the product

Packaging:

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
<th>per Box</th>
<th>per Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>GATOR STONE BOND</td>
<td>3.78 L (1 U.S. gal.)</td>
<td>4 units</td>
<td>24 boxes</td>
</tr>
<tr>
<td>GATOR STONE BOND</td>
<td>18.9 L (5 U.S. gal.)</td>
<td></td>
<td>48 pails</td>
</tr>
<tr>
<td>GATOR STONE BOND XP</td>
<td>3.78 L (1 U.S. gal.)</td>
<td>4 units</td>
<td>24 boxes</td>
</tr>
<tr>
<td>GATOR STONE BOND XP</td>
<td>18.9 L (5 U.S. gal.)</td>
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