



GATOR XP SAND BOND
FOR CONCRETE PAVER JOINTS UP TO 1.5"
TDS Revision Date (dd/mm/yyyy): 21/03/2016

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TECHNICAL DATA SHEET

Update: March 21, 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 XP SAND BOND** is a unique mixture of polymer binders and calibrated sand available in Beige, Slate Grey and Ivory. The installation of **GATOR XP SAND BOND** is almost identical to using regular paver joint sand, except for the water application. Once **GATOR XP SAND BOND** sets, it becomes very firm and locks between the paver joints. This firm bond maintains pavers securely in place, being equally effective on both horizontal and sloped surface.

Features:

- Can be used for paver joints up to a maximum of 1.5 inch.
- Starts to set as soon as water is sprayed. Fast setting.
- Sets at above freezing temperature (32° F - 0°C)
- Can be applied even if rain is expected (minimum 1 hour after sand installation).
- Does not haze paving stones.
- Intact pallets can be stored outside.
- Helps prevent weed sprouting.
- Helps prevent damage caused by insects.
- Helps prevent erosion due to climatic conditions, such as wind, rain and freezing.
- **Xtra Bonding:** High polymer content.
- **Xtra Durability:** Good for high traffic areas & commercial job applications.
- **Xtra Resistant:** For areas where we have excess water or very steep slopes.
- Will resist a street cleaner.

FOR USE ON: **GATOR XP SAND BOND** is recommended for a variety of uses, including pool sides, patios, walkways, driveways, parking spaces, pavements etc. The concrete pavers must be installed on a drainage base system composed of 2 layers. The upper layer can have a maximum of 1" (2.5 cm) of bedding sand. The lower layer must have a minimum of 5" (12.5 cm) of crushed stone compacted at 95% of the Proctor density. (See on next page)

INSTALLATION INSTRUCTIONS:

METHOD of application of GATOR XP SAND BOND for a NEW PAVER JOB:

1. Use a concrete sand as your bedding during the final leveling. Install the concrete pavers or slabs.
2. After the paver surface has been installed, it should be compacted using a vibrating-plate compactor, with a 5,000 lb (22 kN) centrifugal compaction force. We recommend using a mat fastened to the vibrating plate when compacting the pavers in order to avoid damaging them. The whole paver surface area should be compacted at least twice so that all pavers seat firmly into the bedding sand.
- 2A. Make sure the paver's side and top surfaces are dry before applying the polymeric sand. Spread **GATOR XP SAND BOND** over the pavers, then use a hard-bristle brush to sweep the sand into the joints and fill them completely. Run a vibrating plate-compactor over the pavers in several directions to compact the sand inside the joints (this action is not appropriate for slabs). Repeat this triple step (spreading the sand, sweeping it into the joints, then compacting) at least twice. If a vibrating-plate compactor cannot be used, stamp the stones with a rubber mallet and make sure the **GATOR XP SAND BOND** is densely packed in the joints



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INSTALLATION INSTRUCTIONS: (Continued)

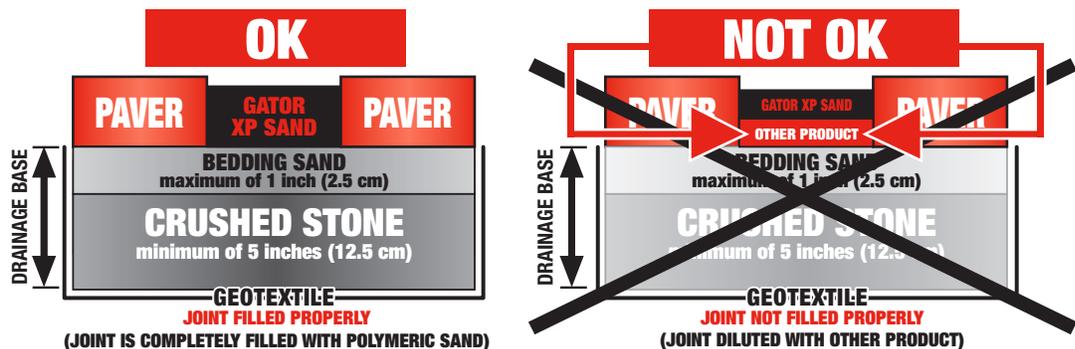
3. Using a fine-bristle broom, remove any excess sand from paver surfaces. Make sure the finished sand level is at least 1/8 in. lower than the chamfer of the pavers. Using a leaf blower, remove any sand residue from paved surfaces. Depending on the physical layout, it may be more appropriate to remove residue by using a vacuum unit.
4. At a height of 4 feet, use a water gun connected to a hose to direct a fine mist (water gun setting: “mist” or equivalent) of water on a specific paver area for 10 to 15 seconds. Wait 3 to 4 minutes (not longer). Proceed to STEP 5.
5. From a height of 2 feet, aim the water mist directly at the paver surface. Mist and rinse simultaneously so as to eliminate any **GATOR XP SAND BOND** residue left on the pavers. Any **GATOR XP SAND BOND** residue should go directly into the paver joints. Wait 3 to 4 minutes (not longer). Proceed to STEP 6.
6. From a height of 2 feet, aim the water mist again directly at the paver surface. Again, mist and rinse simultaneously so as to eliminate any **GATOR XP SAND BOND** residue left on the pavers. The **GATOR XP SAND BOND** residue should go directly into the paver joints. However, stop misting (ALERT) when you see a minimal amount of water retention on the paver joints.
7. Use a leaf blower to remove any excess surface water laying on paver pores and crevices. This blowing action is necessary to help remove any remaining **GATOR XP SAND BOND** residue that was left on paver surfaces.

IMPORTANT

The water used in steps 4, 5 & 6 will activate a bonding action as well as condense **GATOR XP SAND BOND** in the joints. Too much water will undo the dense compaction obtained during step 2 and reduce the final performance of **GATOR XP SAND BOND**. If steps 4 to 7 are not done properly, a white haze may appear on paver surfaces after installation. This is due to excess **GATOR XP SAND BOND** residue left on paver surfaces. This haze will dissipate over time. It can also be removed by using a concrete **GATOR EFFLORESCENCE CLEANER**.

REQUIRED SUB-SURFACE PREPARATION

The concrete pavers must be installed on a drainage base system composed of 2 layers. The upper layer can have a maximum of 1 inch (2.5 cm) of bedding sand. The lower layer must have a minimum of 5” (12.5 cm) of crushed stone, compacted at 95% of the Proctor density. See diagram below.



METHOD for applying GATOR XP SAND BOND as part of an EXISTING PAVER JOB:

1. Using a pressure washer, remove all the existing joint filling material from the top of the pavers to the bottom. Be careful to not disturb the bedding sand under the pavers.
2. Follow step 2A to 7 of NEW PAVER JOB instructions.



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PLEASE NOTE: Do not apply to wet or damp surfaces, since bonding action will cause **GATOR XP SAND BOND** to stick to the surface instead of properly sliding into the joints. Do not use if rain is expected within 1 hour. Avoid excessive watering or flooding of paved surfaces. When installing pavers around an underground pool, a slope of 1/8 inch per linear foot away from the pool is mandatory. All paver surfaces must present a drainage slope for **GATOR XP SAND BOND** to work optimally. For the pool coping units, it is mandatory to use mortar in the joints. For the rest of the paver installation around the pool, you can use **GATOR XP SAND BOND**. Do not sweep **GATOR XP SAND BOND** over asphalt.

- The **GATOR XP SAND BOND** is ideal for narrow or large joints up to a maximum of 1.5 inch.
- Never use **GATOR XP SAND BOND** when pavers are installed on a concrete slab.
- Do not sweep over asphalt.

COVERAGE: Quantity required depends on the shape and paving size as well as the width of the joints.

		NARROW JOINTS		SWIDE JOINTS	
		sq. ft.	sq. m.	sq. ft.	sq. m.
Slate Grey, Beige, Ivory	50lbs / 22.7 kg	65-85	6.00-7.41	22-42	2.0-3.88
Black Diamond	50lbs / 22.7 kg	58-76	5.50-6.5	20-38	1.8-3.5

PACKAGING:

Product	Size	Units per Pallet
Gator XP Sand Bond - Beige	22.7 kg (50 lbs)	56
Gator XP Sand Bond - Slate Grey	22.7 kg (50 lbs)	56
Gator XP Sand Bond - Ivory	22.7 kg (50 lbs)	56
Gator XP Sand Bond - Black Diamond	22.7 kg (50 lbs)	56

- Plastic bags
- Intact pallets can be stored outside

Typical Properties				
Test	Cure	Method	Value	Unit
Water Penetration	24 hrs	ASTM C-642	<01:00	min:sec
Flexural strength	7 days	BS EN 13892-2	425	psi
Drying shrinkage	25 days	ASTM C-596	0.032	%
Water immersion	7 days	SOP-MP-035	pass	
Resistance to efflorescence	7 days	SOP-MP-036	pass	
Penetration strength	24 hrs	SOP MP-032	123	PSI
Spring drive	24 hrs	SOP MP 032	8	0-200 scale
Abrasion resistance	24 hrs	SOP MP-030	pass	
Erosion resistance	24 hrs	SOP MP-029	<5.0	% lost
Dirt Pick up during installation	N/A	SOP MP-031	1.96	ΔE value





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LIMITED WARRANTY:

1-YEAR LIMITED WARRANTY

Please note that this limited warranty applies when the product is used for residential purposes exclusively (home owners or contractors using the product for single or multi-unit dwellings that are exclusively for residential use). The manufacturer cannot guarantee results, as it has no control over surface and sub-surface preparation and product application. (Proper installation of pavers or slabs to ensure long-term stability of work, including granular foundation* of certified crushed stone of 0-3/4 inch (0-20 mm) bedding layer and appropriate installation of borders in accordance with above specified method for applying product). However, for a period of 1 year from purchase, the manufacturer agrees to refund the purchase price, 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, 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 THE MANUFACTURER. IN ALL EVENTS, THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES OR COSTS (INCLUDING REMOVAL OR REINSTALLATION OF SAND OR PAVERS) WHATSOEVER, DIRECT OR CONSEQUENTIAL. TO THE EXTENT PERMITTED BY LAW, THE MANUFACTURER EXCLUDES ANY IMPLIED WARRANTY OF QUALITY, MERCHANTABILITY OR FITNESS FOR PURPOSE.

Alliance Gator excludes any responsibility for the presence of moss, mold, mildew, or similar factors that may occur on the product after its installation. Alliance Gator excludes any responsibility for use of SUPERSAND BOND with Clay Pavers or any installation not installed to manufacturer's specifications and ICPI Tech Spec #2.

* ICPI Tech Spec number 2 (Construction of Interlocking Concrete Pavements)



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