



**GATOR XP SAND BOND
FOR CONCRETE PAVERS JOINTS**
TDS Revision Date (dd/mm/yyyy): 13/03/2015

Technical Data Sheet

UPDATE: Mar 13, 2015
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** is a unique mixture of polymer binders and calibrated sand available in Beige, Slate Grey, Ivory and Black Diamond. The installation of **GATOR XP SAND** is almost identical to using regular paver joint sand, except for the application of water. Once **GATOR XP SAND** sets, it becomes very firm and locks between the paver joints. This firm bond helps maintains pavers securely in place, being equally effective on both horizontal and sloped surfaces.

- FEATURES:**
- Can be used for paver joints up to a maximum of 1.5 inch (3.8 cm).
 - Helps prevent weed sprouting and the damages caused by insects.
 - Helps prevent erosion due to climatic conditions, such as wind, rain and freeze thaw cycles
 - Fast setting: Product sets within one hour from application of water.
 - Sets at above freezing temperature (32°F / 0°C).
 - Can be applied even if rain is expected (however, minimum of 1 hour of dry weather is needed after activation).
 - Does not stain concrete paving stones.
 - Intact pallets can be stored outside.

WARNING: Do not apply if the paver surface is damp or wet. The damp or wet surface will cause **GATOR XP SAND** to prematurely activate and will lead to the polymers sticking on the paver surface. Do not apply if the paver joints are damp or wet. This will prevent the **GATOR XP SAND** from properly sliding into the joints and obtaining very densely packed joints, which is critical to the products performance. Do not use if rain is expected within 1 hour. Avoid excessive watering or flooding of paver surface. For all paver surfaces, and particularly around in ground pools there must be a slope of 1/8 in. (0.3cm) per linear foot away from the edge of the pool, or structures, to ensure optimal performance of the **GATOR XP SAND**. 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**. Do not sweep **GATOR XP SAND** over asphalt. Install **GATOR XP SAND** a minimum of 1/8 of an inch (0.3cm) below the paver surface or erosion may occur. The filled and cured **GATOR XP SAND** joints should never be in direct contact to foot traffic or tires. The product must only be used as a recessed jointing material.

CLAY PAVERS: If used on clay pavers make sure they are 100% dry, Clay pavers tend to hold moisture, which can prematurely activate the **GATOR XP SAND** while the sand is being spread over the paver surface, leaving a residue (Always apply on a test area before using the **GATOR XP SAND** on clay pavers)

MOSS: **GATOR XP SAND** will not cause nor prevent moss, mold or mildew. Moss, mold and mildew are caused by certain on site conditions, including excess moisture, shade, absence of ventilation, inadequate cleaning or maintenance, presence of soil or other organic debris left on the product.

COVERAGE: Quantity required depends on the shape and size of the concrete pavers as well as the width of the joints. For Black Diamond Sand consider a 10% decrease in coverage.

GATOR XP SAND BOND COVERAGE				
	NARROW JOINTS		WIDE JOINTS	
	m²	ft²	m²	ft²
22.7 Kg (50 lbs)	6.00-7.41	65-85	2.0-3.88	22-42

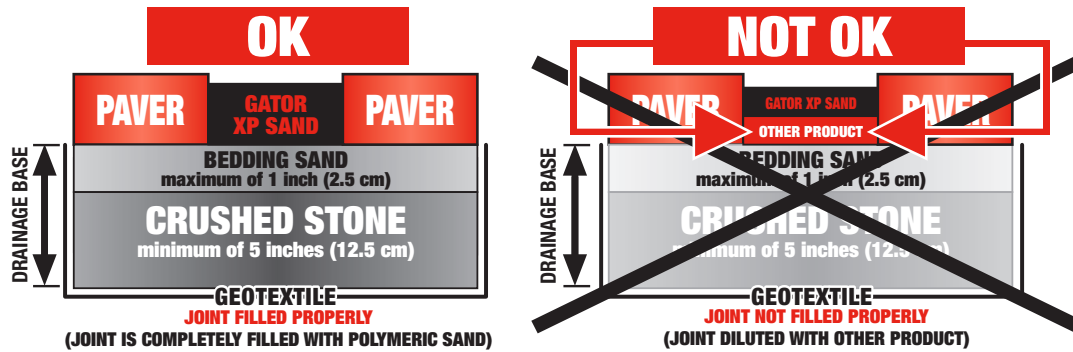
GATOR XP SAND IS IDEAL FOR NARROW OR LARGE JOINTS UP TO A MAXIMUM OF 1.5 INCH (3.8 cm) NEVER USE GATOR XP SAND WHEN PAVERS ARE INSTALLED ON A CONCRETE SLAB. INSTEAD USE ALLIANCEGATOR MAXX SAND.



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FOR USE ON AND REQUIRED SUB-SURFACE PREPARATION

GATOR XP SAND is recommended for a variety of uses, including pool decks, patios, foot paths, driveways, parking spaces, pavements etc. The concrete pavers have to 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 inches (12.5 cm) of crushed stone compacted at 98% Proctor density. (See diagram below).



INSTALLATION INSTRUCTIONS:

METHOD for applying GATOR XP SAND on a new paver surface:

Once the foundation is complete, the installation of the new pavers must be done properly. Borders must be installed to encase the pavers. There must be a minimum 1% slope of the final surface to ensure proper drainage. Watering must be started at the lowest point of the paved surface. Use potable drinking water to activate **GATOR XP SAND**.

- STEP 1** Use concrete sand as your bedding course to do the final leveling. (Photo A). Install the concrete pavers or slabs. (Photo 1-B).
- STEP 2** Make sure the sides and top surfaces of pavers are dry before applying the polymeric sand. Spread **GATOR XP SAND** over the pavers, and then use a hard-bristle brush to sweep the sand into the joints, filling them completely. Run a vibrating plate over the pavers in several directions to compact the sand inside the joints (this action is not appropriate for slabs). Repeat this step (spreading the sand, then compacting) at least two more times.* We recommend using a mat fastened to the vibrating plate to compact pavers. If a vibrating plate cannot be used, tamp the stones with a rubber mallet or hand tamper and make sure the **GATOR XP SAND** is densely packed in the joints. (Photo 2).
- STEP 3** Using a fine-bristle broom, remove any excess **GATOR XP SAND** from paver surface. Make sure the finished height of **GATOR XP SAND** level is at least 1/8 in (0.3cm) lower than the surface of the pavers. Using a leaf blower, remove any **GATOR XP SAND** residue from paved surfaces. Depending on the physical layout, it may be more appropriate to remove residue by using a vacuum unit. (Photo 3).
- STEP 4 First watering:** At a height of 4 feet (1.2 meters), use a water gun connected to a hose to direct a shower (water gun setting: "shower" or equivalent) of water for 10 to 15 seconds on a section of approximately 75-100 sq. ft.. Wait 3 to 4 minutes (not longer). NEVER let the pavers' surface dry before steps 4, 5, 6 and 7 are completed. Proceed to STEP 5. (Photo 4).
- STEP 5 Second watering:** At a height of 4 feet (1.2 meters) shower and rinse simultaneously for 10 to 15 seconds on a section of approximately 75-100 sq. ft. surface area so as to eliminate any **GATOR XP SAND** residue left on the pavers. Any **GATOR XP SAND** residue should go directly into the paver joints. Wait 3 to 4 minutes (not longer). Proceed to STEP 6. (Photo 5).
- STEP 6 Third watering:** At a height of 4 feet (1.2 meters) direct a shower of water on the paver surface, showering and rinsing simultaneously, so as to eliminate any **GATOR XP SAND** residue. Any residue should go directly into the paver joints. However, stop watering when you see water retention on the paver joints. Wait 3 to 4 minutes (not longer). Proceed to STEP 7 (Photo 6). Note: Repeat the directions of step 4 to 6 for all other areas that have not been showered with water.
- STEP 7** Use a leaf blower to remove any excess water remaining on the paver pores and crevices. This blowing action is necessary to help remove any remaining **GATOR XP SAND** residue that was left on paver surface from the previous steps. (Photo 7).



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IMPORTANT:

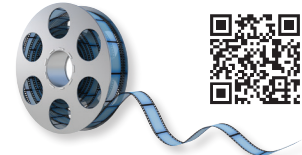
The water used in steps 4, 5 & 6 will activate a bonding action as well as condense **GATOR XP SAND** in the joints. It is important to water the **GATOR XP SAND** a total of 3 times, as per steps 4, 5 and 6. Too little water will not properly activate the **GATOR XP SAND** and will reduce the final performance. If steps 4 to 7 are not done properly, a white haze may appear on paver surface after installation. This is due to excess **GATOR XP SAND** residue left on paver surfaces. This haze will dissipate over time. It can also be removed by using **GATOR CLEAN** efflorescence cleaner.

METHOD FOR APPLYING GATOR SUPERSAND BOND ON AN EXISTING PAVER SURFACE:

Follow the same procedures as the method for applying **GATOR XP SAND** on a new paver surface. Ensure that all the existing sand between the joints has been completely removed before applying **GATOR XP SAND**. A pressure washer must be used to remove the existing joint filling material. However, be careful not to disturb the bedding material under the pavers.

<u>PACKAGING:</u>	<u>Product</u>	<u>Size</u>	<u>Units per Pallet</u>
	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



SEE THE INSTALLATION VIDEO
ON ALLIANCEGATOR.COM

LIMITED WARRANTY:

10-YEAR LIMITED WARRANTY

Please note that this limited warranty applies only 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" (0-20 mm) bedding layer and appropriate installation of borders in accordance with above specified method for applying product). However, for a period of 10 years from purchase, the manufacturer 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 the manufacturer 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 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 whatsoever for the presence of moss, mold, mildew, or similar factors that may occur on the product after its installation. The presence of moss, mold or mildew is caused by the particular on-site conditions, including excess moisture shade, absence of ventilation, inadequate cleaning or maintenance, presence of soil or other organic debris left on the product after installation.

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

Alliance Designer Products Inc.