



**GATOR MAXX SAND BOND**  
**FOR PAVING STONE JOINTS UP TO 2" (5 CM)**  
TDS Revision Date (dd/mm/yyyy): 20/04/2018

# TECHNICAL DATA SHEET

**Update:** April 20, 2018  
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 MAXX SAND** is a unique mixture of polymer binders and calibrated sand, that meets ASTM C144 gradation, available in Beige and Slate Grey The installation of **GATOR MAXX SAND** is almost identical to using regular paver joint sand except for the application of water. Once **GATOR MAXX SAND** sets, it becomes very firm and locks between the paver joints while still retaining flexibility and providing a long lasting, durable jointing material. **GATOR MAXX SAND** is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements etc.

**Features:**

- Can be used on false joint pavers
- For overlay, non-overlay, residential and commercial applications
- Can be used for joints up to a maximum of 2 inches (5 cm)
- Helps prevent weeds and damage caused by burrowing insects
- Helps prevent erosion due to wind, rain, and freeze thaw cycles
- **Drainage base systems**, sets within 1 hour after water activation at above 32°F (0°C) (No rain should occur within 1 hour after water activation)
- **Non-Drainage base systems (Overlays)**, sets within 24 hours after water activation at above 32°F (0°C) (No rain should occur within 24 hours after water activation)
- Advanced Haze Free Technology
- Intact pallets can be stored outside
- Unused bags can be stored outside if they are still on a pallet and protected by the original packaging
- Ideal in a Gator Base application

**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 MAXX SAND** while the sand is being spread over the paver surface, leaving a residue (always apply on a test area before using the **GATOR MAXX SAND** on clay pavers).

**Moss:** **GATOR MAXX 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.

		NARROW JOINTS		WIDE JOINTS	
		sq. ft.	sq. m.	sq. ft.	sq. m.
Beige & Slate Grey	50lbs / 22.7 kg	65-85	6.00-7.41	22-42	2.0-3.88

## FOR USE ON AND REQUIRED SUB-SURFACE PREPARATION

**GATOR MAXX SAND** is recommended for a variety of uses including pool decks, patios, footpaths, 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 inch (2.5 cm) of bedding sand. The lower layer must have a minimum of 6 inches (15.4 cm) of crushed stone compacted at 98 % Proctor density. (See diagrams below).



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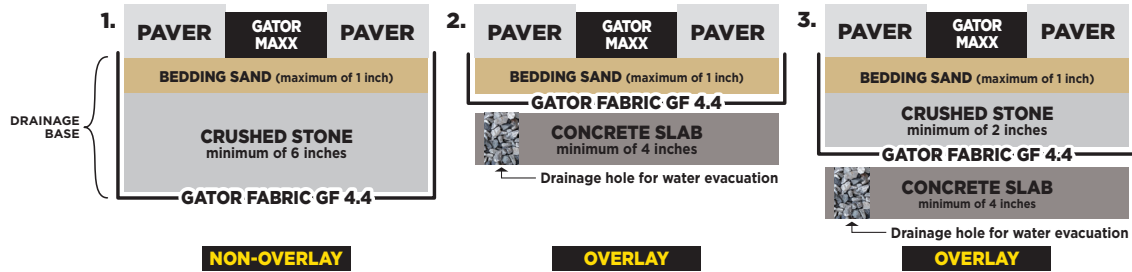


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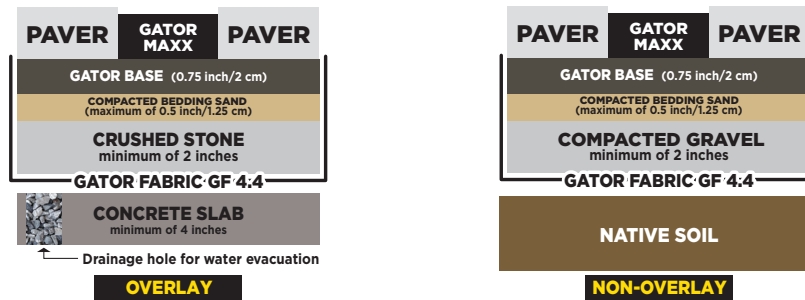
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**FOR OVERLAYS APPLICATIONS**

- 1 Remove all loose and fragile concrete.
- 2 Cover the ground with a Gator Fabric GF 4.4, refill with crushed stone, and compact it.



WE RECOMMEND THE USAGE OF GATOR MAXX SAND WITH GATOR BASE FOR THE FOLLOWING METHODS:



**PREPARATION INFORMATION (IMPORTANT NOTES)**

- A Pavers and slabs must be installed according to ICPI Tech Spec #2 non-overlay ([www.icpi.org](http://www.icpi.org)) before GATOR MAXX SAND installation.
- B Pavers' sides and top surfaces must be completely dry. Do not apply if the paver surface is damp or wet. The damp or wet surface will cause GATOR MAXX SAND to prematurely activate and will lead to the polymers sticking on the paver surface.
- C Do not apply if the paver joints are damp or wet. This will prevent the GATOR MAXX SAND from properly sliding into the joints and obtaining very densely packed joints, which is critical to the products performance.
- D **Drainage base systems**, sets within 1 hour after water activation at above 32°F (0°C) (No rain should occur within 1 hour after water activation). **Non-Drainage base systems (Overlays)**, sets within 24 hours after water activation at above 32°F (0°C) (No rain should occur within 24 hours after water activation).
- E Avoid excessive watering or flooding of paver surface.
- F For all paver surfaces, and particularly around in-ground pools there must be a slope of 1/8 inch (0.3 cm) per linear foot away from the edge of the pool, or structures to ensure optimal performance of the GATOR MAXX SAND.
- G 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 MAXX SAND.
- H Do not sweep GATOR MAXX SAND over asphalt.
- I Install GATOR MAXX SAND a minimum of 1/8 inch (3 mm) below the paver surface or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires. Joints should be filled up to 1/8 inch (3 mm) below the edge or chamfer.



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### **GATOR MAXX SAND INSTALLATION STEPS (FOR A NEW PAVER SURFACE)**

1. Spread **GATOR MAXX SAND** with hard-bristle broom. Make sure the **GATOR MAXX SAND** completely fills the joints. Do not use other materials in the joints.
2. Leave a layer of **GATOR MAXX SAND** on the surface to aid in vibrating and consolidating **GATOR MAXX SAND** into joints.
3. Vibrate the **GATOR MAXX SAND** into the paver joints using a vibratory plate compactor. A rubber pad is recommended. A roller compactor is best for slab installation.
4. Joints should be filled up to 1/8 inch below the edge or chamfer. It is best to compact in several directions to ensure there are no air gaps or voids in the joints. Repeat steps 1-3 to ensure joints are filled and consolidated. Narrow joints require more care to completely fill.
5. Sweep off excess **GATOR MAXX SAND** from the paved surface, first with a hard-bristle broom, then a soft bristle broom. Take care to leave the height of the polymeric sand at least 1/8 inch below the edge or chamfer of the paver.
6. Use a leaf blower to remove all remaining **GATOR MAXX SAND** residue from the paved surface.

### **WATER ACTIVATION (IMPORTANT NOTES)**

- A Work in manageable sections, ideally about 100 sq. ft. at a time, depending on temperature.
- B Do not allow **GATOR MAXX SAND** to wash out of joint.
- C Never allow paved surface to dry out during the water activation phase.
- D Watering must be started at the lowest point of the paved surface.
- E Use a watering gun connected to a hose. Setting should be set to shower.

### **GATOR MAXX SAND WATER ACTIVATION STEPS**

7. Shower water on a specific water area of 100 sq.ft., wait no longer than 2 to 3 minutes. Proceed to STEP 8.
8. Shower and rinse simultaneously on a section of approximately 100 sq. ft. so as to eliminate any **GATOR MAXX SAND** residue left on the pavers. Any **GATOR MAXX SAND** residue should go directly into the paver joints. Wait no longer than 2 to 3 minutes. Proceed to STEP 9.
9. Shower and rinse simultaneously, so as to eliminate any **GATOR MAXX SAND** residue. Any residue should go directly into the paver joints. However, stop showering when you see water retention on the paver joints. Wait no longer than 2 to 3 minutes. Proceed to STEP 10. Note: Repeat the directions of STEPS 7 to 9 for all other areas that have not been showered with water.
10. 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 MAXX SAND** residue left on paver surfaces from the previous steps.

### **IMPORTANT:**

The water used in steps 7 to 9 will activate a bonding action as well as condensing **GATOR MAXX SAND** in the joints. It is important to water the **GATOR MAXX SAND** a total of 3 times, as per steps 7, 8 and 9. Too little water will not properly activate the **GATOR MAXX SAND** and will reduce the final performance. If steps 7 to 10 are not done properly, a white haze may appear on paver surface after installation. This is due to excess **GATOR MAXX SAND** residue left on paver surfaces. This haze will dissipate over time, or it could be removed by using **GATOR CLEAN** efflorescence cleaner.

### **GATOR MAXX SAND INSTALLATION (FOR AN EXISTING PAVER SURFACE)**

If using **GATOR MAXX SAND** to replace existing jointing materials, old jointing materials need to be completely cleaned out of the joints and pavers completely dry before installing **GATOR MAXX SAND**. However, be careful not to disturb the bedding material under the pavers. Follow steps 1 to 10 of **GATOR MAXX SAND** installation steps (for a new paver surface).



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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

Packaging:	Product	Size	Units per Pallet (USA)	Units per Pallet (CDN)
	GATOR MAXX SAND - Beige	22.7 kg (50 lbs)	56	70
	GATOR MAXX SAND - Slate Grey	22.7 kg (50 lbs)	56	70

**15 YEAR  
LIMITED WARRANTY**

**HAZE FREE  
TECHNOLOGY**

SEE THE INSTALLATION VIDEO  
ON [ALLIANCEGATOR.COM](http://ALLIANCEGATOR.COM)

**LIMITED WARRANTY:**

**15-YEAR LIMITED WARRANTY (RESIDENTIAL)**

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 inch (0-20 mm) bedding layer and appropriate installation of borders in accordance with above specified method for applying product). Also warranted when used with Gator Base. However, for a period of 15 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.

**1 YEAR LIMITED WARRANTY (COMMERCIAL)**

Please note that when the product is used for other purposes (Mixed-use, commercial, institutional or other), the above terms apply except that the applicable period is reduced to 1 year from purchase.



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