



**GATOR XP SAND G2**  
**FOR PAVER & NATURAL STONE JOINTS**  
**UP TO 10 CM FOR DRAINAGE APPLICATIONS**  
TDS Revision Date (dd/mm/yyyy): 21/02/2024

# TECHNICAL DATA SHEET



**Update:** February 21, 2024  
Make sure you have an updated data sheet on hand.

**Description:** **GATOR XP SAND G2** is made with a state-of-the-art manufacturing process. Specifically, calibrated sand is mixed with sophisticated intelligent polymers. This new generation of Intelligent Polymers neutralizes haze and dust. The polymeric sand application is now dust free and haze free. No blower is needed, and the intelligent polymeric sand requires only one watering. **GATOR XP SAND G2** is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements, light vehicular traffic, etc. Available in Beige, Slate Grey, Ivory and Black.

**Features:**

- Can be used for joints up to a maximum of 10 cm in a drainage application.
- For residential and commercial drainage applications.
- Can be used in even the tightest joints
- **No Dust, Haze Free, No Blower, and One Watering.**
- For **Drainage applications, Rapid Set** rain safe 15 minutes after water activation.
- Works above 0°C.
- Can be used on false joint pavers
- Helps prevent weeds and damage caused by burrowing insects.
- Helps prevent erosion due to wind, rain and freeze/thaw cycles.
- Waterproof bags: Lay bag flat on its back, so front of the bag is facing you. Intact pallets or bags can be stored outdoors.

**Maintenance of paved surface:** When maintaining the paver surface, apply paver shampoo cleaning product to clean the entire paved surface including the paver joints. Wash, rinse and remove any residue by using a hose and a watering gun set to shower with the normal maximum water pressure from any residential or commercial building (typically 550 kPa).

**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 G2** 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 G2** on clay pavers.

**Moss:** **GATOR XP SAND G2** 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.



Access our  
online sand  
calculator

Per 20 kg bag (Paver 60 mm thick)	NARROW JOINTS	WIDE JOINTS
	3 mm to 10 mm	15 mm to 25 mm
Beige, Slate Grey, Ivory	5-6 sq.m.	2-3 sq.m.
Black	4-5 sq.m.	1,6-2,4 sq.m.

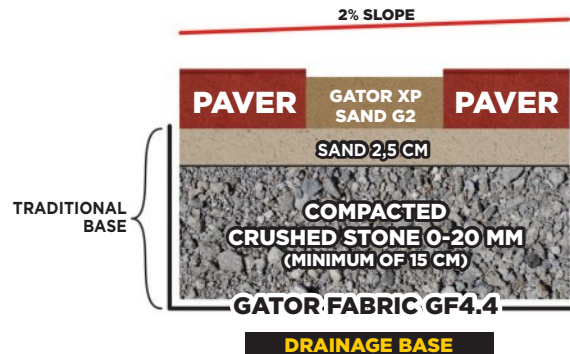


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**REQUIRED SUB-SURFACE PREPARATION**

**GATOR XP SAND G2** 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. (See diagram below).



**IMPORTANT INSTALLATION NOTES FOR G2**

- A Always refer to the latest **GATOR XP SAND G2** [Technical Data Sheet \(TDS\)](#) at [AllianceGator.com](#) before installing **GATOR XP SAND G2**.
- B Installation of pavers and slabs must be done in accordance with a drainage foundation before adding **GATOR XP SAND G2**.
- C 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 XP SAND G2** to prematurely activate and will lead to the polymers sticking on the paver surface.
- D Do not apply **GATOR XP SAND G2**, if the paver joints are damp or wet. This will prevent the **GATOR XP SAND G2** from properly sliding into the joints and obtaining very densely packed joints, which is critical to the product's performance.
- E Temperature must be above 0°C with dry conditions and a minimum of 15 minutes of dry weather required after activation of the **GATOR XP SAND G2**.
- F For all paver surfaces, and particularly around in-ground pools, there must be a minimum slope of 3 mm per 30 cm away from the edge of the pool or structures to ensure water evacuation off the paver surface.
- 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 XP SAND G2**.
- H Do not sweep **GATOR XP SAND G2** over asphalt.
- I Install **GATOR XP SAND G2** a minimum of 3 mm below top of paver's surface or 3 mm below the chamfer. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires, because erosion may occur. \*
- J For textured or pre-finished surfaces, we recommend removing all the sand from the paver or slab surface prior to using the plate or roller compactor.
- \* After a post activation of the **GATOR XP SAND G2**. The polymeric sand will cycle: In the rainy season the **GATOR XP SAND G2** will soften and will self-heal, dry and harden again with the sunny season. These cycles could be reproduced over and over without affecting the structural integrity of the **GATOR XP SAND G2** joints.

**Please Note :** All pavers must be completely interlocked for vehicular and pedestrian use. If pavers are fanned, they are not considered interlocked. **GATOR XP SAND G2** can be applied when pavers are installed directly open graded aggregates that lock or choke themselves. This means the polymeric sand will not migrate through the voids. Do not apply **GATOR XP SAND G2** when the pavers are installed directly on aggregates with large voids.





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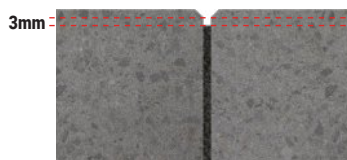
**THIS CROSS-SECTION REPRESENTS THE HEIGHT OF POLYMERIC SAND FOUND IN THE JOINTS**



Maximum joint width  
for traditional base 10 cm



PAVERS OR NATURAL STONES  
WITHOUT CHAMFER



PAVERS OR NATURAL STONES  
WITH CHAMFER

**POLYMERIC SAND REQUIREMENTS**

Minimum joint width: 3 mm  
Maximum joint width: 10 cm  
Minimum joint depth: 38 mm

**IMPORTANT 30-3 WATER ACTIVATION NOTES FOR G2**

- A Use a watering gun connected to a hose. Set to shower.
- B Watering must be started at the lowest point of the paved surface.
- C Never allow paved surface to dry out during the water-activation phase.
- D Do not allow **GATOR XP SAND G2** to wash out of joint.
- E Shower for a minimum of 30 seconds for 3 sq.m. or until the **GATOR XP SAND G2** repels the water and the water starts to accumulate on the joints.



**1**



**2**



**3**



**4**

**4 EASY INSTALLATION STEPS (FOR A NEW PAVER SURFACE)**

- 1 **Spread** **GATOR XP SAND G2** with hard-bristle broom. Make sure the **GATOR XP SAND G2** completely fills the joints. Do not use with other materials in the joints. Leave a layer of **GATOR XP SAND G2** on the surface to aid in the vibrating and consolidation of **GATOR XP SAND G2** into joints. For textured or pre-finished surfaces, we recommend removing all the sand from the paver or slab surface prior to using the plate or roller compactor.
- 2 **Vibrate** the **GATOR XP SAND G2** into the paver joints using a vibratory plate compactor. A rubber pad is recommended. A roller compactor or handheld tamper is best for slab or natural stone installations. Joints sand level must be at least 3 mm below top of paver's surface or 3 mm below the chamfer. It is best to compact in several directions to ensure there are no air gaps or voids in the joints. Repeat steps 1 and 2 to ensure joints are filled and consolidated. Narrow joints require more care to completely fill.
- 3 **Sweep** off excess **GATOR XP SAND G2** from the paved surface, first with a hard-bristle broom, then a soft-bristle broom. Take care to leave the height of **GATOR XP SAND G2** at least 3 mm below top of paver's surface or 3 mm below the chamfer.
- 4 **Shower** for a minimum of 30 seconds for 3 sq. m. or until the **GATOR XP SAND G2** repels the water and the water starts to accumulate over the polymeric sand joints.

**GATOR XP SAND G2 INSTALLATION (FOR AN EXISTING PAVER SURFACE)**

Remove existing jointing material. Be careful not to disturb the bedding material under the pavers. Pavers must be completely dry before installing a minimum of 3.8 cm deep into the joints. **GATOR XP SAND G2** level, must be at least 3 mm below top of paver's surface or 3 mm below the chamfer or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic or tires. Follow **GATOR XP SAND G2** installation steps 1 to 4 for a new paver surface.



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Packaging:	Product	Size	Units per Pallet
	GATOR XP SAND G2 - Beige	20 kg	70
	GATOR XP SAND G2 - Slate Grey	20 kg	70
	GATOR XP SAND G2 - Ivory	20 kg	70
	GATOR XP SAND G2 - Black	20 kg	70

TYPICAL PROPERTIES					
Test	European Method	Cure	Units European method	Typical Value*	
				minimum	maximum
Sand Gradation	DIN EN 13139	N/A	N/A	Compliant	Compliant
Penetration resistance	ISO 1920-14	7 days	N/mm <sup>2</sup>	1,8	2,6
		28 days		19	39
Water Absorption	BS EN 12808-5	28 days	g		
				30 minutes	0,15
				4 hours	0,23
Erosion resistance	ISO 19392-3	15 minutes	erosion %	0,31	0,43
Flexural strenght	BS EN 13892-2	7 days	N/mm <sup>2</sup>	<5	5
		28 days		0,6	0,9
Compressive strenght	BS EN 13892-2	7 days	N/mm <sup>2</sup>	2,4	3,5
		28 days		1,1	2,3
				8,7	11

\* Will vary depending on the color of the sand

**15 YEAR**  
**LIMITED WARRANTY**

**WATER**  
**PROOF**  
**BAG**

**NO DUST • HAZE FREE • NO BLOWER • ONE WATERING**  
**RAIN SAFE AFTER 15 MINUTES**

**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 0-20 mm (minimum of 15 cm), bedding sand layer (maximum of 25 mm) and appropriate installation of reinforced edging in accordance with above specified method for applying product.), 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.



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### 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 WHATSOEVER, (INCLUDING REMOVAL OR REINSTALLATION OF SAND OR PAVERS) DIRECT OR CONSEQUENTIAL. TO THE EXTENT PERMITTED BY LAW, THE MANUFACTURER EXCLUDES ANY IMPLIED WARRANTY OF QUALITY, MERCHANTABILITY OR FITNESS FOR PURPOSE. ALLIANCE DESIGNER PRODUCTS INC. 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. ALLIANCE DESIGNER PRODUCTS INC. excludes any responsibility for use of **Gator XP G2** for any installation not installed to manufacturer's specifications.

### 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. ALLIANCE DESIGNER PRODUCTS INC. excludes any responsibility for use of any **Gator XP G2** polymeric Sand for any installation not installed to manufacturer's specifications.