GATOR SUPERSAND G2
FOR PAVER & NATURAL STONE JOINTS UP TO 2”
TDS Revision Date (dd/mm/yyyy): 03/06/2019

RAPID SET TECHNOLOGY
RAIN SAFE AFTER 15 MINUTES
OSHA COMPLIANT
ASTM C-144

TECHNICAL DATA SHEET

Update:
June 3, 2019
Make sure you have an updated data sheet on hand.
Canada and U.S. dial **1-855-847-7767** or (450) 624-1611

Description:
SUPERSAND 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. No blower is needed and the intelligent polymeric sand requires only one watering. **SUPERSAND G2** is recommended for a variety of uses including pool decks, patios, footpaths, driveways, parking spaces, pavements, etc. Available in Beige and Slate Grey.

Features:
- Can be used for joints up to a maximum of 2 inches and its ASTM C-144 gradation allows use in even the tightest joints.
- OSHA silica crystalline compliant (OSHA 29 CFR 1926.1153).
- Helps prevent weeds and damage caused by burrowing insects.
- Helps prevent erosion due to wind, rain and freeze/thaw cycles.
- For **Drainage application, Rapid Set** rain safe 15 minutes after water activation. Works above 32°F (0°C).
- **No Dust, Haze Free, No Blower, and one watering.**
- Waterproof bags: Lay bag flat on its back, so front of the bag is facing you.

Maintenance of paved surface:
When maintaining the paver surface, apply Gator Shampoo 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 80 psi).

Clay pavers:
If used on clay pavers, make sure they are 100% dry. Clay pavers tend to hold moisture which can prematurely activate the **SUPERSAND G2** while the sand is being spread over the paver surface, leaving a residue. Always apply on a test area before using the **SUPERSAND G2** on clay pavers.

Moss:
SUPERSAND 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.

Per 50 lb bag (Paver 2-3/8” in height)	**NARROW JOINTS**	**WIDE JOINTS**
	1/8” to 3/8”	**3/4” to 1-1/4”**
Beige & Slate Grey	65-85 sq. ft.	22-42 sq. ft.

Please note:
SUPERSAND G2 can be applied when pavers are installed directly on open graded aggregates that lock or choke themselves. This means the polymeric sand will not migrate through the voids. Do not apply **SUPERSAND G2** when the pavers are installed directly on aggregates with large voids.

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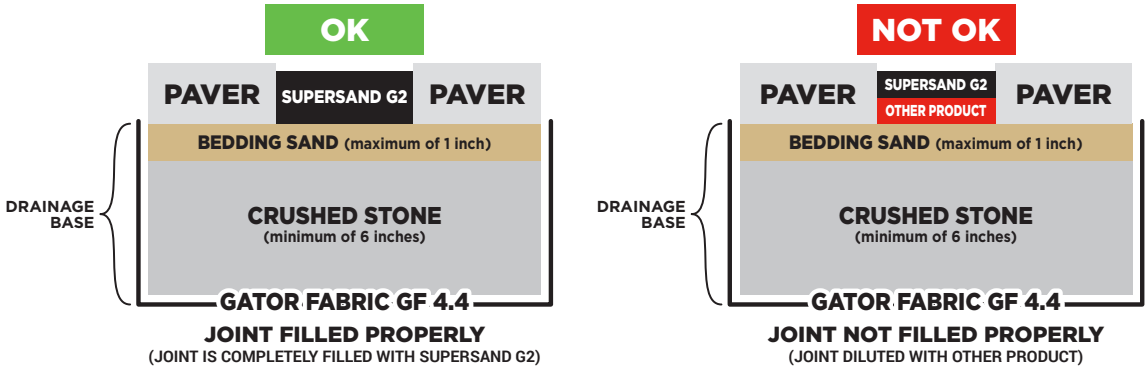
OSHA COMPLIANT ASTM C-144

REQUIRED SUB-SURFACE PREPARATION

SUPERSAND 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 composed of 2 layers. The upper layer can have a maximum of 1 inch of bedding sand. The lower layer must have a minimum of 6 inches of crushed stone compacted at 98 % Proctor density. (See diagrams below.)



NEVER USE SUPERSAND G2 WHEN PAVERS ARE INSTALLED ON A CONCRETE SLAB (OVERLAY). INSTEAD, USE ALLIANCE GATOR MAXX G2.

IMPORTANT INSTALLATION NOTES FOR G2

A Always refer to the latest **SUPERSAND G2** Technical Data Sheet (TDS) at AllianceGator.com before installing **SUPERSAND G2**.

B Pavers and slabs must be installed according to ICPI Tech Spec #2 non-overlay (www.icpi.org) before **SUPERSAND G2** installation.

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 **SUPERSAND G2** to prematurely activate and will lead to the polymers sticking on the paver surface.

D Do not apply if the paver joints are damp or wet. This will prevent the **SUPERSAND 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 32°F (0°C) in dry conditions and no rain for at least 15 minutes afterwater activation.

F For all paver surfaces, and particularly around in-ground pools, there must be a minimum slope of 1/8 inch per linear foot away from the edge of the pool or structures to ensure optimal performance of the **SUPERSAND G2**.

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 **SUPERSAND G2**.

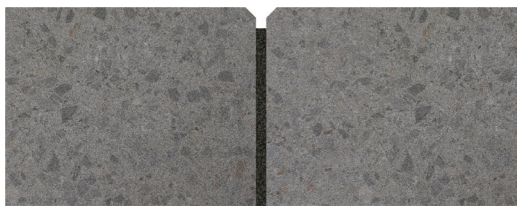
H Do not sweep **SUPERSAND G2** over asphalt.

I Install **SUPERSAND G2** a minimum of 1/8 inch 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.

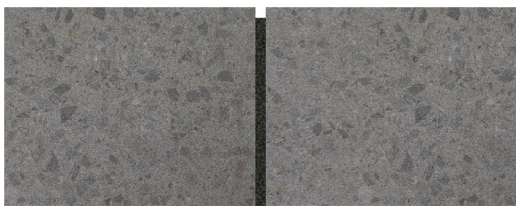
J For textured or pre-finished surfaces, we recommend to remove all the sand from the paver or slab surface prior to using the plate or roller compactor.

Maximum joint width 2”
Minimum depth of joint 2-3/8”

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



PAVERS WITH CHAMFER



PAVERS OR NATURAL STONES WITHOUT CHAMFER

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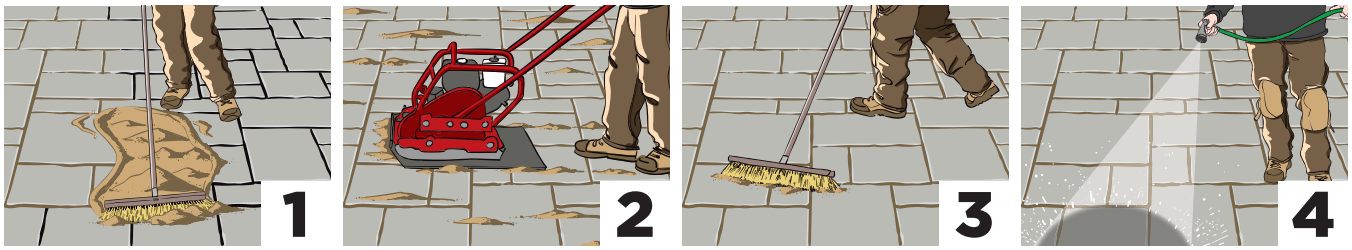

IMPORTANT WATER ACTIVATION NOTES FOR G2

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 **SUPERSAND G2** to wash out of joint.
E Shower for a minimum of 30 seconds for 30 sq. ft. or until the S**SUPERSAND G2** repels the water and the water starts to accumulate on the joints.

SUPERSAND G2 INSTALLATION STEPS (FOR A NEW PAVER SURFACE)

1 Spread **SUPERSAND G2** with hard-bristle broom. Make sure the **SUPERSAND G2** completely fills the joints. Do not use with other materials in the joints. Leave a layer of **SUPERSAND G2** on the surface to aid in the vibrating and consolidation of **SUPERSAND G2** into joints. For textured or pre-finished surfaces, we recommend to remove all the sand from the paver or slab surface prior to using the plate or roller compactor.
2 Vibrate the **SUPERSAND G2** into the paver joints using a vibratory plate compactor. A rubber pad is recommended. A roller compactor is best for slab installation. Joints should be filled up to 1/8 inch below the paver surface. 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 **SUPERSAND G2** from the paved surface, first with a hard-bristle broom, then a soft-bristle broom. Take care to leave the height of **SUPERSAND G2** at least 1/8 inch below the paver surface.
4 Shower for a minimum of 30 seconds for 30 sq. ft. or until the **SUPERSAND G2** repels the water and the water starts to accumulate on the joints.

SUPERSAND 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 **SUPERSAND G2**. Follow **SUPERSAND G2** installation steps 1 to 4 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	625	psi
Drying shrinkage	25 days	ASTM C-596	0.025	%
Water immersion	7 days	SOP-MP-035	pass	
Resistance to efflorescence	7 days	SOP-MP-036	pass	
Penetration strength	24 hrs	SOP MP-032	93	PSI
Spring drive	24 hrs	SOP MP 032	6	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	2.64	ΔE value

Packaging:	Product	Size	Units per Pallet
	GATOR SUPERSAND G2 - Beige	22.7 kg (50 lb)	56
	GATOR SUPERSAND G2 - Slate Grey	22.7 kg (50 lb)	56

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 0-3/4 inch (minimum of 6 inches), bedding sand layer (maximum of 1 inch) and appropriate installation of reinforced edging 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 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 SUPERSAND G2 for any installation not installed to manufacturer’s specifications and ICPI Tech Spec #2.

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