



GATOR TILE SAND
FOR PORCELAIN TILE JOINTS UP TO 25 MM
TDS Revision Date (dd/mm/yyyy): 01/03/2022

TECHNICAL DATA SHEET



Update: March 1, 2022
Make sure you have an updated technical data sheet on hand.

Description: **GATOR TILE SAND** is a unique mixture of polymer binders and calibrated sand available in Beige, Slate Grey, Ivory and Black. Once **GATOR TILE SAND** sets, it becomes very firm and locks between the porcelain tile joints while still retaining flexibility and providing a long lasting, durable jointing material. **GATOR TILE SAND** is recommended for a variety of pedestrian uses including pool decks, patios, footpaths etc

Features:

- Can be used for joints up to a maximum of 25 mm and its fine gradation allows use in even the tightest joints.
- Drainage applications, Rain safe 1 hour after water activation
- Works above 0°C
- Helps prevent weeds and damage caused by burrowing insects.
- Helps prevent erosion due to wind, rain, and freeze thaw cycles
- Waterproof bag: Intact pallets can be stored outside. or bag can be laid flat and stored outdoors. (Lay bag flat on its back, so front of the bag is facing you.)

Moss: **GATOR TILE 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, size and joint width of the porcelain tiles.	6.4 mm joints 30 x 30 cm x 2 cm tile with 6 mm joints spacer	
		sq. m.	
	Beige , Slate Grey, Ivory	15,9 kg	10 sq. m.
	Black	15,9 kg	9,8 sq. m.



[Access our online sand calculator](#)

FOR USE ON AND REQUIRED SUB-SURFACE PREPARATION (DRAINAGE APPLICATIONS)

GATOR TILE SAND is recommended for a variety of pedestrian uses including pool decks, patios, footpaths etc.





GATOR TILE SAND
FOR PORCELAIN TILE JOINTS UP TO 25 MM
TDS Revision Date (dd/mm/yyyy): 01/03/2022

GATOR TILE SAND INSTALLATION STEPS

STEP 1 • SWEEPING

When emptying the bag of **GATOR TILE SAND**, spread it onto the dry, tiled surface. When sweeping the **GATOR TILE SAND**, spread it over a small area before moving onto the next, while making sure to fill in the joints.

STEP 2 • COMPACTING

It is now time to compact the sand into the joints using a rubber mallet. Do not use a plate compactor. Repeat filling and compacting of the tile joints. Finally, sweep the surface with a fine bristle broom and remove all excess sand.

Ensure the **GATOR TILE SAND** is 3 mm lower than the tile chamfers or erosion may occur. The filled and cured polymeric sand joints should never be in direct contact with foot traffic.

STEP 3 • BLOWING OF THE GATOR TILE SAND

Use a blower to blow off all sand residue laying on the tile surface.

WATER ACTIVATION (IMPORTANT NOTES)

- A Work in manageable sections, ideally about 10 sq.m. at a time, depending on temperature.
- B Do not allow **GATOR TILE SAND** to wash out of joint.
- C Never allow tiled surface to dry out during the water activation phase.
- D Watering must be started at the lowest point of the tiled surface.
- E Use a watering gun connected to a hose. Setting should be set to shower.

STEP 4 • GATOR TILE SAND WATER ACTIVATION STEPS

(A) • Shower water on a specific area of 10 sq.m. wait no longer than 2 to 3 minutes. **(B)** • Shower and rinse simultaneously on a section of approximately 10 sq.m. so as to eliminate any **GATOR TILE SAND** residue left on the tiles. Any **GATOR TILE SAND** residue should go directly into the tiled joints. Wait no longer than 2 to 3 minutes. **(C)** • Shower and rinse simultaneously, so as to eliminate any **GATOR TILE SAND** residue. However, stop showering when you see water retention on the tiled joints.

Note: Repeat the directions of STEPS 4a, 4b and 4c for all other areas that have not been showered with water.

STEP 5

Use a leaf blower to remove any excess water remaining on the tiles or crevices. This blowing action is necessary to help remove any remaining **GATOR TILE SAND** residue left on tiled surfaces from the previous steps.

IMPORTANT:

The water used in steps 4a, 4b and 4c will activate a bonding action as well as condensing **GATOR TILE SAND** in the joints. It is important to water the **GATOR TILE SAND** a total of 3 times, as per steps 4a, 4b and 4c. Too little water will not properly activate the **GATOR TILE SAND** and will reduce the final performance.

GATOR TILE SAND INSTALLATION STEPS





GATOR TILE SAND
FOR PORCELAIN TILE JOINTS UP TO 25 MM
 TDS Revision Date (dd/mm/yyyy): 01/03/2022

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



Maximum joint width
25 mm



Typical Properties				
Test	Cure	Method	Value	Unit
Water Penetration	24 hrs	ASTM C-642	<0:51	min:sec
Flexural strength	7 days	BS EN 13892-2	242.25	psi
Drying shrinkage	25 days	ASTM C-596	-0.741	%
Water immersion	7 days	SOP-MP-035	pass	
Resistance to efflorescence	7 days	SOP-MP-036	fail	
Penetration strength	24 hrs	SOP MP-032	149.6	PSI
Spring drive	24 hrs	SOP MP 032	12.75	0-200 scale
Abrasion resistance	24 hrs	SOP MP-030	pass	
Erosion resistance	24 hrs	SOP MP-029	<4.25	% lost
Dirt Pick up during installation	N/A	SOP MP-031	0.604	ΔE value

Packaging:	Products	Size	Units per Pallet
	GATOR TILE SAND - Beige	16 kg	40
	GATOR TILE SAND - Slate Grey	16 kg	40
	GATOR TILE SAND - Ivory	16 kg	40
	GATOR TILE SAND - Black	16 kg	40

**15 YEAR
LIMITED WARRANTY**

**WATER
PROOF
BAG**

LIMITED WARRANTY

The manufacturer cannot guarantee results as it has no control over surface and sub-surface preparation and product application. If this product is proven to be defective, on the condition that it was installed pursuant to the method of application and surface and sub-surface preparation described above, the sole obligation of the manufacturer is to refund the purchase price. Proof of purchase is required for any claim. The manufacturer shall not be liable for any other damages whatsoever, direct or consequential. To the extent permitted by law, the manufacturer excludes any implied warranty of quality, merchantability or fitness for purpose. The manufacturer shall not be liable for any other damages or costs whatsoever, including removal or reinstallation of sand and porcelain tiles.



Alliance Designer Products Inc.
 1800 Berlier st., suite 200, Laval, Quebec, Canada H7L 4S4
 Tel.: 450 624-1611 Fax: 450 624-1622 Toll free: 1 866-212-1611
 www.alliancegator.com - Email: info@alliancegator.com