



## GATOR DUST BOND FOR STONE JOINTS

TDS Revision Date (dd/mm/yyyy): 01/04/2014



# Technical Data Sheet

### UPDATE:

April 1, 2014

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 DUST** is a unique mixture of polymer binders and calibrated crushed stone available in two colors : Sahara Beige and Stone Grey. Once **GATOR DUST** sets, it becomes very firm and locks between the stone joints. This firm bond maintains the stones securely in place, being equally effective on both horizontal and sloped surfaces.

### FEATURES:

- Product works at above 60°F (16°C)
- Compatible with all types of wetcast & natural stones
- **GATOR DUST BOND** is ideal for joints that are a minimum of 1/2" (1.25 cm) to a maximum of 4" (10 cm) wide
- Does not haze stones.
- For pedestrian use only

### FOR USE ON:

**GATOR DUST** is recommended for a variety of uses, including patios, walkways and pool decks. The stones have to be installed on a drainage base system: maximum of 1" (2.5 cm) of bedding sand, plus a minimum of 5" (12.5 cm) of crushed stone compacted at 95% Proctor density. (See diagram below).

### INSTALLATION INSTRUCTIONS:

#### METHOD of application of GATOR DUST BOND for WETCAST & NATURAL STONES:

1. Install stones on a bed of sand covering a drainage base system.
2. Make sure the stone's top surface is dry.  
**FOR NATURAL STONES:** Using a hard-bristle, heavy-duty construction broom, sweep **GATOR DUST** in between the full depth of the natural stone joints.  
**FOR WETCAST STONES:** Using a scoop, carefully pour **GATOR DUST** in between the full depth of the joints and avoid getting any **GATOR DUST** on the stone surface.
3. Hit the stones with a rubber mallet; this will make the **GATOR DUST** settle firmly into the joints by removing any air pockets. Repeat step 2 and this step 3 at least two more times.
4. Using a soft, fine-bristle broom, sweep all excess **GATOR DUST** off stone surfaces. Ensure that **GATOR DUST** lies at least 1/8 inch below the top of the stones.
5. Using a leaf blower, blow all **GATOR DUST** residues off stone surfaces. Depending on the physical layout, it may be more appropriate to remove residue by using a vacuum unit.
6. **First Water Spray:** At a height of 4 feet (1.2 m), use a nozzle connected to a hose to direct a gentle shower (setting of water gun: "shower" or equivalent) of water on a certain stone area for 15-20 seconds, basically just enough to dampen the surface. Wait 3 to 4 minutes (not longer). Proceed to Second watering phase.  
**Second Water Spray:** From a height of 2 feet (.60 m), aim the gentle shower directly at the stone surface. Water slightly heavier than the first phase and rinse simultaneously so as to eliminate any **GATOR DUST** residue left on the stones. The **GATOR DUST** residue should go directly into the stone joints and you should have water ponding in the joints. Wait 3 to 4 minutes (not longer). Proceed to Third watering phase.  
**Third Water Spray:** From a height of 2 feet (.60 m), aim the gentle shower again directly at the stone surface. Again, water and rinse simultaneously so as to eliminate any **GATOR DUST** residue left on the stones. The **GATOR DUST** residue should go directly into the stone joints. However, stop watering (ALERT) when you see the joints begin to retain and fill with water.
7. Repeat the directions of step 6 for all other areas that have not been showered with water. It is important that once you start, the surface remains wet through the entire watering process, on a hot day this may require working a smaller area and adding more water throughout the process.



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### INSTALLATION INSTRUCTIONS:

(Continued)

8. Use a leaf blower to remove all excess surface water lying on stones pores and crevices. This blowing action is necessary to help remove any remaining **GATOR DUST** residue left on stone surfaces from the previous steps. Depending on the physical layout, it may be more appropriate to remove remaining residue with a vacuum unit.

### IMPORTANT

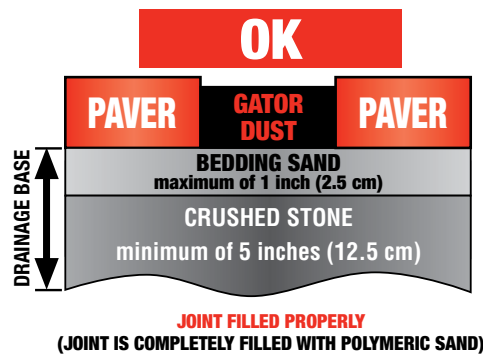
The water used in step 6 will activate a bonding action as well as condense **GATOR DUST** in the joints. Too much water will undo the dense compaction obtained during step 3 and reduce the final performance of **GATOR DUST**. If steps 4, 5, 6 and 8 are not done properly, a white haze may appear on stone surfaces following installation. This is due to excess **GATOR DUST** residue left on the stone surface. This haze will dissipate over time. It can also be removed by using a concrete efflorescence cleaner.

### WARNINGS:

- **GATOR DUST** must be installed above 60°F (16°C).
- **GATOR DUST** can only be installed if rain is not forecasted in the next 24 hours.
- Minimize or avoid walking on the stones for 24 hours after the installation of **GATOR DUST**.
- Staining may occur - if **GATOR DUST** is left lying on the stone surface for a long duration, moisture can form and will activate the Gator Dust on the stone surface.
- Do not use **GATOR DUST** when the stones are installed over a concrete base. **GATOR DUST** is designed to function on a drainage base system (see diagram below). A concrete base inhibits drainage thus the trapped water will negatively impact the product's performance.
- Individual bags must be kept in dry storage.

### REQUIRED SUB-SURFACE PREPARATION

The stones have to be installed on a drainage base system: maximum of 1" of bedding sand, plus a minimum of 5" of crushed stone compacted at 95% Proctor density. (See diagrams below).



### PLEASE NOTE:

**GATOR DUST** becomes very firm but will crack if the crushed stone base has movement. By following the installation instructions carefully, you will obtain a very hard jointing material. It should be noted that **GATOR DUST** will continue to harden over time. Do not apply on wet or damp surface since bonding action will cause **GATOR DUST** to stick on surface and avoid proper sliding in joint. Do not use if rain is expected within 24 hours. Avoid excessive watering or flooding of stone areas. When installing stones around an underground pool a slope of 1/8 inch (3 mm) per linear foot (30 cm) away from the pool is mandatory. All stones surfaces must have a drainage slope for the **GATOR DUST** to work at its optimum. For the pool coping blocks it is mandatory to use mortar in the joints. For the rest of the stone installation around the pool, you can use **GATOR DUST**. Do not sweep **GATOR DUST** over asphalt.



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### COVERAGE:

The quantity required depends on the shape and size of the stones as well as the width of the joints. One bag of 50 lbs (22.7 kg) of this product will cover between 20 to 30 square feet (1.86 to 2.8 m<sup>2</sup>) if the joints are about 1" to 2" (2.54 to 5.08 cm) wide and the stones are about 2" to 2-1/2" (5.08 cm to 6.35 cm) thick.

### PACKAGING:

Product	Size	Units per Pallet
Gator Dust Bond - Sahara Beige	22.7 kg (50 lbs)	56
Gator Dust Bond - Stone Grey	22.7 kg (50 lbs)	56

- Plastic bags
- Intact pallets can be stored outside



### LIMITED WARRANTY:

#### **10 YEAR LIMITED WARRANTY**

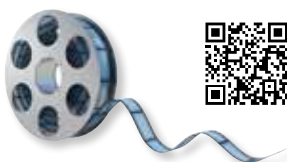
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**1 YEAR LIMITED WARRANTY** Please note that when the product is used for other purposes (Mixed-use, commercial, institutional or other), the above terms apply except that the applicable period is reduced to 1 year from purchase.

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



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