



## GATOR SUPER SAND BOND

TDS Revision Date (dd/mm/yyyy): 13/04/2011

# Technical Data Sheets

## UPDATE

April 13, 2011

Make sure you have an updated data sheet on hand.

Canada and U.S. dial **1-866-212-1611** or (450) 624-1611

## DESCRIPTION

**Supersand Bond** is a unique mixture of polymer binders and calibrated sand available in Beige, Slate Grey and Ivory. The installation of **Supersand Bond** is almost identical to using regular paver joint sand, except for the water application. Once **Supersand Bond** sets, it becomes very firm and locks between the paver joints. This firm bond maintains pavers securely in place, being equally effective on both horizontal and sloped surface.

## FEATURES

- Can be used for paver joints up to a **maximum of 1 inch**.
- Helps prevent weed sprouting and the damages caused by insects.
- Helps prevent erosion due to climatic conditions, such as wind, rain and freezing.
- Starts to set as soon as water is sprayed. Fast setting.
- Sets at above freezing temperature (0° C - 32° F)
- Can be applied even if rain is expected (minimum 1 hour after sand installation).
- Does not stain paving stones.
- Intact pallets can be stored outside.

## FOR USE ON

**Supersand Bond** is recommended for a variety of uses, including pool sides, patios, walkways, 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" (2.5 cm) of bedding sand. The lower layer must have a minimum of 5" (12.5 cm) of crushed stone, compacted at 95% of the Proctor density. (See diagram on next page)

## INSTALLATION INSTRUCTIONS

### Method of application of Supersand Bond for a **NEW PAVER JOB**:

1. Use a concrete sand as your bedding sand to do the final levelling. Install the concrete pavers on this concrete bedding sand, and compact with the help of a minimum 4000 lbs centrifugal force vibrating plate. It is also recommended to have a protective mat fasten to the vibrating plate, so pavers surface will not be damaged.
2. After the area of pavers is placed, it should be compacted with a vibrating plate compactor, with a 5000 lbs (22kN) centrifugal compaction force. We recommend using a mat fastened to the vibrating plate to compact the pavers. At least two passes are required across the pavers to seat them in the bedding sand. Make sure that the pavers' side and top surfaces are dry before applying the polymeric sand. Spread **Supersand Bond** over the pavers then use a hard-bristle brush to sweep the sand into the joints and filling them completely. Run a vibrating plate over the pavers in several directions to compact the sand inside the joints (this action is not appropriate for slabs). Repeat this step (spreading the sand, then compacting) at least two more times. If a vibrating plate compactor cannot be used, tamp the stones with a rubber mallet and make sure the Supersand Bond is densely packed in the joints.
3. Using a leaf blower, blow off all **Gator Supersand Bond** residues lying on the paver surface. Depending on the physical layout present, it may be more appropriate to remove residue by using a vacuum unit.
4. First Phase: At a height of 4 feet (1.2 meter), use a water gun connected to a hose to direct a fine mist (setting of water gun: "mist" or equivalent) of water on a certain paver area for 10 to 15 seconds. Wait 3 to 4 minutes (not longer). Proceed to Second Phase.
5. Second Phase: From a height of 2 feet (0.6 meter), aim the water mist directly at the paver surface. Mist and rinse simultaneously so as to eliminate any **Gator Supersand Bond** residue left on the pavers. The **Gator Supersand Bond** residue should go directly into the paver joints. Wait 3 to 4 minutes (not longer). Proceed to Third Phase.



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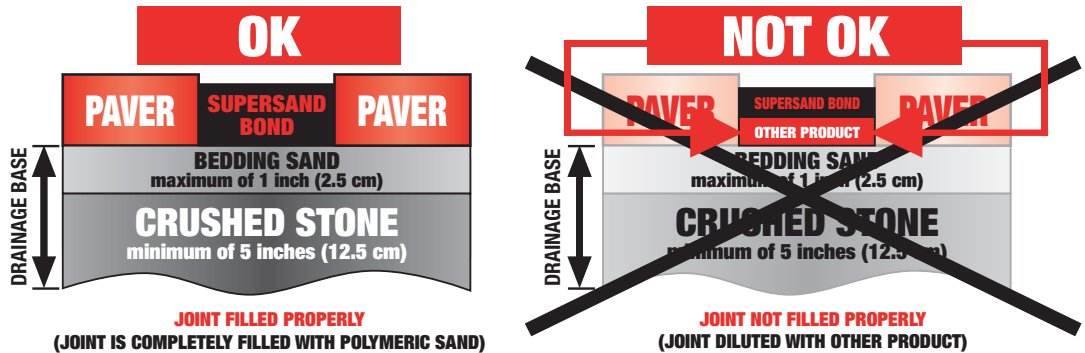
(Continued)

### Method of application of Supersand Bond for a **NEW PAVER JOB**:

- Third Phase: From a height of 2 feet (0.6 meter), aim the water mist again directly at the paver surface. Again, mist and rinse simultaneously so as to eliminate any **Gator Supersand Bond** residue left on the pavers. The **Gator Supersand Bond** residue should go directly into the paver joints. However, stop misting (ALERT) when you see a minimal amount of water retention on the paver joints. Repeat the directions of step 4, 5 & 6 for all other areas that have not been misted with water.
- Use a leaf blower to remove all the excess surface water that is lying on the pores and crevices of the pavers. This blowing action is necessary to help remove any remaining **Gator Supersand Bond** residue that was left on the paver surface from the previous steps. Depending on the physical layout present, it may be more appropriate to remove remaining residue with a vacuum unit.

### IMPORTANT

The water used in step 4, 5 & 6 will activate a bonding action as well as condense **Gator Supersand Bond** grains in the joints. Too much water will undo the dense compaction obtained during step 2 and reduce the final performance of **Gator Supersand Bond**. If steps 2, 3, 4, 5 and 7 are not done properly, a white haze may appear on the paver surface after the installation. This is due to excess **Gator Supersand Bond** residue left on the paver surface. This haze will dissipate over time. It can also be removed by using a concrete efflorescence cleaner.



### Application method of Supersand Bond for an **EXISTING PAVER JOB**:

- Using a pressure washer, remove all the existing joint filling material from the top of the pavers to the bottom. Be careful to not disturb the bedding sand under the pavers.
- Follow step 2 to 7 of **NEW PAVER JOB** instructions (previous page).

## PLEASE NOTE

Do not apply on wet or damp surface since bonding action will cause **Gator Supersand Bond** to stick on surface and prevent proper sliding in joint. Do not use if rain is expected within 1 hour. Avoid excessive watering or flooding of paved surfaces. When installing pavers around an underground pool, a 1/8 inch slope per linear foot from the pool is mandatory. All paver surfaces must have a drainage slope of at least 1 degree for the **Gator Supersand Bond** to work at its optimum. For the pool coping blocks it is mandatory to use mortar in the joints. For the rest of the paver installation around the pool, you can use **Gator Supersand Bond**.

- The **Gator Supersand Bond** is ideal for narrow or large joints up to a **maximum of 1 inch**.
- Never use **Gator Supersand Bond** when pavers are installed on a concrete slab.
- Do not sweep over asphalt.

Alliance Designer Products Inc.



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### SUPERSAND BOND COVERAGE

Quantity required depends on the shape and paving size as well as the width of the joints.

	<b>SUPERSAND BOND COVERAGE</b>			
	<b>NARROW JOINTS</b>		<b>WIDE JOINTS</b>	
	<b>m<sup>2</sup></b>	<b>ft<sup>2</sup></b>	<b>m<sup>2</sup></b>	<b>ft<sup>2</sup></b>
<b>50 Kg (22.7 lbs)</b>	6.00-7.41	65-85	2.0-3.88	22-42

### PACKAGING

<b>Product</b>	<b>Retail Size</b>	<b>Units per Pallet</b>
<b>Supersand Bond - Beige</b>	22.7 kg (50 lbs)	56
<b>Supersand Bond - Slate Grey</b>	22.7 kg (50 lbs)	56
<b>Supersand Bond - Ivory</b>	22.7 kg (50 lbs)	56

- Plastic bags
- Intact pallets can be stored outside

### LIMITED WARRANTY

#### **10 Year Limited Warranty**

Please note that this limited warranty applies only when the Gator Super Sand, Gator XP, Gator MAXX and Gator Dust are used for residential purposes exclusively (home owners or contractors using the product for single or multi-unit dwellings that are exclusively for residential use). Alliance Designer Products cannot guarantee results as it has no control over surface and sub-surface preparation and product application. However, for a period of 10 years from purchase, Alliance Designer Products 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 in the installation guide, then Alliance Designer Products agrees to refund the purchase price. Proof of purchase is required for any claim. The parties agree that the refund of the purchase price as stated is the only obligation of Alliance Designer Products. In all events, Alliance Designer Products 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. Alliance Designer Products excludes any implied warranty of quality merchantability or fitness for purpose.

#### **1 Year Limited Warranty**

Please note that when the Gator XP, Gator MAXX and the Gator Dust are 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 the purchase.