



GATOR MAXX SAND BOND
FOR CONCRETE PAVERS, WETCAST & NATURAL STONES
TDS Revision Date (dd/mm/yyyy): 12/04/2013



Technical Data Sheet

UPDATE: April 12, 2013
Make sure you have an updated data sheet on hand.
Canada and U.S. dial **1-866-212-1611** or (450) 624-1611

DESCRIPTION: **GATOR MAXX SAND** is the first polymeric sand specifically designed for drainage and non-drainage base systems. It can be used with concrete pavers, wetcast and natural stones. It is recommended for a variety of uses, including pool sides, patios, foot paths, driveways, parking spaces, pavements etc... This complete multi-purpose sand is available in three colors: Beige, Slate Grey & Ivory. It sets above the freezing temperature 32°F (0 °C) and can be used for joints up to a maximum of 1 inch.

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.
- Fast setting: Product sets within one hour from application of water.
- Sets at above freezing temperature (32°F - 0°C).
- **GATOR MAXX SAND BOND** can be applied for drainage base systems.
However a minimum of 1 hour without rain is needed after installation.
- **GATOR MAXX SAND BOND** can be applied for non-drainage base systems.
However a minimum of 24 hours without rain is needed after installation.
- Does not haze concrete paving stones.
- Intact pallets can be stored outside.
- It is mandatory to have a minimum 1° top surface slope for proper water run off.

FOR USE ON: **GATOR MAXX SAND BOND** is recommended for Overlays applications and variety of uses, including pool sides, patios, foot paths, driveways, parking spaces, pavements etc. The concrete pavers have to 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 5 inches of crushed stone compacted at 95% Proctor density. It also can be used for non-drainage base systems (See diagrams on next page). You must have a minimum 1° top surface slope for proper water run off.

INSTALLATION INSTRUCTIONS:

METHOD of application of GATOR MAXX SAND for a NEW PAVER JOB:

1. Remove all loose and fragile concrete.
2. After excavating, cover the ground with a geotextile, refill with crushed stone, (minimum 5 inches) and compact it. Make sure that the geotextile will be wide enough to go up against the paver edge restraint, this will prevent the migration of the bedding sand. On the slab section, prepare a minimum 12" wide geotextile strip. This should be wide enough to go up against the paver edge restraint, thus prevent the migration of the bedding sand.
3. Install the paver edge restraint where needed. Then install the bedding sand (concrete sand) for proper leveling, (maximum 1") . Assure that the pavers or slabs will be 3/8" higher than the city sidewalk. Respect a minimum 1 degree slope for proper water run off from the paved surface.
4. Install the concrete pavers or slabs.
5. First, compact the paved area 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. Second, make sure that the pavers' side and top surfaces are dry before applying the polymeric sand. Spread **GATOR MAXX SAND** 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).



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INSTALLATION INSTRUCTIONS:

(Continued)

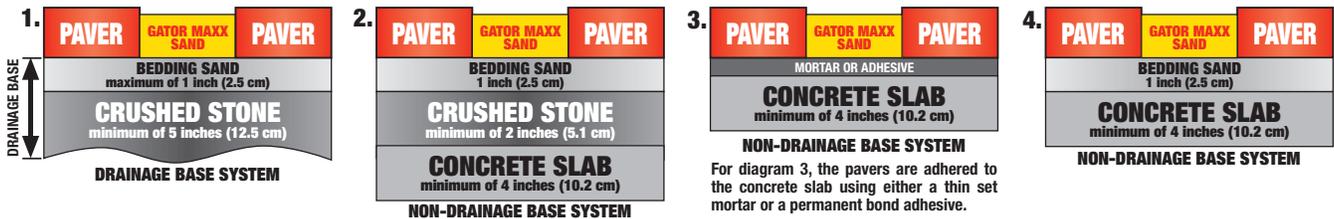
- Repeat this step (spreading the sand, then compacting) at least two more times. If a vibrating plate compactor cannot be used, tamp the stones with a rubber mallet and make sure the **GATOR MAXX SAND** is densely packed in the joints.
6. Using a fine-bristle broom, remove any excess from paver surfaces. Make sure the finished sand level is at least 1/8 in. lower than the chamfer of the pavers. Using a leaf blower, remove any sand residue from paved surfaces. Depending on the physical layout, it may be more appropriate to remove residue by using a vacuum unit.
7. At a height of 4 feet, use a water gun connected to a hose to direct a fine mist (water gun setting: "mist" or equivalent) of water on a specific paver area for 10 to 15 seconds. Wait 3 to 4 minutes (not longer). Proceed to STEP 8.
8. From a height of 2 feet, aim the water mist directly at the paver surface. Mist and rinse simultaneously so as to eliminate any **GATOR MAXX SAND** residue left on the pavers. Any **GATOR MAXX SAND** residue should go directly into the paver joints. Wait 3 to 4 minutes (not longer). Proceed to STEP 9.
9. From a height of 2 feet, aim the water mist again directly at the paver surface. Again, mist and rinse simultaneously so as to eliminate any **GATOR MAXX SAND** residue left on the pavers. The **GATOR MAXX SAND** 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.
10. Use a leaf blower to remove any excess water lying on paver pores and crevices. This blowing action is necessary to help remove any remaining **GATOR MAXX SAND** residue that was left on the paver surface from the previous steps.

IMPORTANT

The water used in steps 7, 8 & 9 will activate a bonding action as well as condense **GATOR MAXX SAND** in the joints. Too much water will undo the dense compaction obtained during step 5 and reduce the final performance of **GATOR MAXX SAND**. If steps 6 to 10 are not done properly, a white haze may appear on the paver surface after installation. This is due to excess **GATOR MAXX SAND** residue left on the paver surface. This haze will dissipate over time. It can also be removed by using a concrete efflorescence cleaner.

REQUIRED SUB-SURFACE PREPARATION

WITH A DRAINAGE BASE SYSTEM : The concrete pavers have to be installed on a system composed of 2 layers. The upper layer can have a maximum of 1 inch (2.5 cm) of bedding sand. The lower layer must have a minimum of 5 inches (12.5 cm) of crushed stone compacted at 95% Proctor density. **WITH A NON-DRAINAGE BASE SYSTEM :** (See diagrams below). You must have a minimum 1° top surface slope for proper water run off for both systems.



* For wetcast and natural stones, the thickness & strength of the product will determine if it can be used for both pedestrian and vehicular applications.

METHOD for applying Gator Maxx Sand as part of an **EXISTING PAVER JOB:**

1. 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.
2. Follow step 5 to 10 of NEW PAVER JOB instructions.



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PLEASE NOTE: Do not apply on wet or damp surfaces, since bonding action will cause **GATOR MAXX SAND** to stick on the surface instead of properly sliding into the joints. 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 slope of 1/8 inch per linear foot away from the pool is mandatory. All paver surfaces must present a drainage slope for **GATOR MAXX SAND** to work optimally. 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 MAXX SAND**. Do not sweep **GATOR MAXX SAND** over asphalt.

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

GATOR MAXX SAND COVERAGE				
	NARROW JOINTS		WIDE JOINTS	
	m ²	ft ²	m ²	ft ²
22.7 Kg (50 lbs)	6.00-7.41	65-85	2.0-3.88	22-42

PACKAGING:	Products	Retail Size	Units per Pallet
	Gator Maxx Sand - Beige	22.7 kg (50 lbs)	56
	Gator Maxx Sand - Slate Grey	22.7 kg (50 lbs)	56
	Gator Maxx Sand - Ivory	22.7 kg (50 lbs)	56

- Plastic bags
- Intact pallets can be stored outside



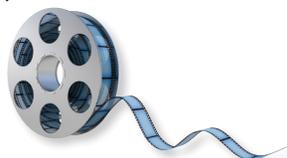
LIMITED WARRANTY:

10 YEAR LIMITED WARRANTY

This warranty is given by **ALLIANCE DESIGNER PRODUCTS INC.** 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). **ALLIANCE DESIGNER PRODUCTS INC.** 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 INC.** 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 **ALLIANCE DESIGNER PRODUCTS INC.** agrees to refund the purchase price. Proof of purchase is required for any claim.

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. **EXCLUSION OF RESPONSIBILITY** THE PARTIES AGREE THAT REFUND OF THE PURCHASE PRICE AS STATED IS THE ONLY OBLIGATION OF **ALLIANCE DESIGNER PRODUCTS INC.** IN ALL EVENTS, **ALLIANCE DESIGNER PRODUCTS INC.** 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 INC.** EXCLUDE ANY IMPLIED WARRANTY OF QUALITY, MERCHANTABILITY OR FITNESS FOR PURPOSE. **ALLIANCE DESIGNER PRODUCTS INC.** excludes any responsibility whatsoever for the presence of moss, mold or mildew or similar facts 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 humidity, shade, absence of ventilation, inadequate cleaning or maintenance, presence of soil or other organic debris left on the product after installation.

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



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 ON ALLIANCEGATOR.COM

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