



**GATOR BASE
FOR PEDESTRIAN USE ONLY**

TDS Revision Date (dd/mm/yyyy): 24/05/2017

TECHNICAL DATA SHEET

Update: May 24, 2017
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 BASE** is an evolution in base technology saving you time, labor and money for pedestrian applications. Designed with a tongue and groove system **GATOR BASE** is easy to install. Evacuating water through its channels **GATOR BASE** is equivalent to 288 lbs (130 kg) of crushed stone, saving you 6 in (15 cm) of extra excavation. **GATOR BASE** is manufactured using lightweight high-density polypropylene and is environment-friendly and 100% recyclable. Extremely durable, **GATOR BASE** will not degrade in the ground.

Material Type	Expanded Polypropylene (EPP)	
Material Thickness	0.75 in (19mm)	
Material Density	3.43 lbs / cubic ft (55 grams / liter)	
Part Format	Edge Interlocking Tongue & Groove	
Part Size	6 sq ft per panel paver bearing surface	
Part Dimensions	Overall usable surface dimensions: 5.79 sq ft	
Part Weight	1.32 lbs per panel	
Tensile Strength	101.5 psi	ISO 1798
Tensile Elongation	11%	ISO 1798
Vertical Permeability	>100 inches / hour	EN 12616
Thermal Expansion Per 1°C change	0.003 in / ft	ISO 4897
Compression Set-Static load (50% strain, 22hrs. 23°C after 24 hrs)	38%	ISO 1856c
Thermal Resistance R Value (per inch thickness)	3.6 per in	
Microbiological / Chemical Resistance Chemical resistance	No detrimental effects	

Thermal Properties:	Thermal conductivity	0.264 BTU-in/hr-ft ² -°F	DIN 52612
	Melting point	248-356°F	
	Decomposition Temperature	>= 356°F	
	Flash point	>= 392°F	ASTM D1929
	Ignition temperature	>360°C	ASTM D1929
	Dimensional stability at heat	<2%	Linear size alterations after 4 d, 110°C; DIN ISO 2796

Ideal For:

- Difficult to access areas**
 - Hills, limited access areas.
 - Stairs.
 - Tight work spaces.
 - Narrow alleys.

- Restricted construction zones**
 - Where material storage is prohibited in streets.
 - Save costly dumping fees.

Where construction speed is critical

- Easy to use, install and transport.
- No industrial equipment needed.
- 25% savings in labor costs.

Limited budget

- Saves time and money.
- 50% savings in materials removal.
- Higher profit margins.
- Saving expensive costs of material disposal.



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INSTALLATION INSTRUCTIONS:

Please follow ICPI Tech Specs 2 & 9 for compaction regulations.

STEP 1 Excavation of the new Gator Base area

Total excavation will be done as follows - Total depth will be determined by adding the following elements depths: Gator Fabric GF 4.4, compacted bedding sand's final height (1/2 in [13 mm]), Gator Base (3/4 in [19 mm]), and paver's height. • Total excavation width should be 6 in (15 cm) wider on each side than the final paved area. This excavation could be done using a shovel or excavator. • Prior to excavating, check with local utility services to ensure digging does not damage underground pipes or wires.

STEP 2 Levelling and compacting of the base

A Once excavation is completed, level the excavated area using a rake or shovel. • Ensure a slope of at least 1 degree away from any structure, such as a house. • **B** The native soil needs to be prepared and compacted in the same way that one would prepare a traditional base installation, using a hand tamper or plate compactor. • This area should be as smooth as possible to get rid of high or low spots within about 3/8 in (10 mm). • Using a string level (stakes and a string line), tie the string to the stakes to establish level according to which the final slope will be measured (minimum of 1 degree to the desired final paver level). • Once the final level is achieved, proceed to step 3.

STEP 3 Addition of Gator Fabric GF 4.4, levelling and compacted bedding sand

A Lay down the Gator Fabric GF 4.4 and cover the complete excavated area. • **B** Spread an even layer of sand to a depth of 3/4 in (19 mm) over the Gator Fabric GF 4.4. • To obtain a perfect 3/4-in (19 mm) bedding layer, use two 3/4-in (19 mm) pipes with an equal distance of 4 to 6 ft (1.22 to 1.83 m) over the Gator Fabric GF 4.4 and fill the surrounding area with sand. Using a straight board, level the bedding sand relatively to the pipes. • When removing the pipes, fill in the empty gaps. • Remember that levelling and compacting the bedding sand will be the last step prior to installing the Gator Base. • **C** Using a hand compactor and/or plate compactor, compact the 3/4 in (19 mm) of bedding sand until you obtain a final height of 1/2 in (13 mm) of compacted bedding sand. The final area should be smooth.

STEP 4 Installation of the Gator Base

Make sure to install the Gator Base on the extended excavation area (total excavation should be 6 in [15 cm] wider on each side than the final paved area). • Start laying the Gator Base units while ensuring locking of the tongue & groove system. This will guarantee the panels' stability when the pavers or slabs are laid down. • Trim any visible curves or protruding angles using a utility knife.

STEP 5 Installation of pavers and Gator Edge

Lay the pavers directly onto the Gator Base according to the selected pattern. • (Adding a second layer 1/2" (13 mm) of loose bedding sand on top of the Gator Base is also an accepted method of installation.) • Use a rubber mallet to adjust the pavers. • Make sure the Gator Base is 6 in (15 cm) wider on each side than the paved surface. Install Gator Edge on the Gator Base, making sure it rests firmly against the pavers. A Gator Base Screw will be driven into every second hole to maximize lateral support of the Gator Edge.

STEP 6 Sweeping, compacting and blowing of the Gator Maxx polymeric sand

A When emptying the Gator MAXX polymeric sand bag, spread it onto the dry paved surface. This will avoid segregation and sweeping a mountain of sand. • When sweeping the polymeric sand, spread over a small area before moving onto the next, while making sure to fill in the joints. • **B** It is now time to compact the sand into the joints using a hand tamper or plate compactor. Do not use a plate compactor over slabs. Repeat filling and compacting of the paver joints. Finally, sweep the surface with a fine bristle broom and remove all excess sand. • Ensure the sand is 1/8 in (3 mm) lower than the paver chamfers.

C Finally, use a blower to blow off all sand residue lying on the paved surface. • The combined actions of the sweeping and blowing will help eliminate any hazing effect.

STEP 7 Watering and blowing action

The watering process will activate the polymeric sand's bonding process, and the sand will harden when dry.

A Set your water spray to "shower," and spray the paved surface for 10 to 15 seconds then wait 3 to 4 minutes. (N.B. Ensure the paved surface does not dry between waterings). • **B** Shower and rinse the paved surface and wait 3 to 4 minutes before repeating the shower and rinse process for a third and final time. However, stop watering when you see a minimal amount of water retention on the paver joints. • If the work is being done on a hot summer day, avoid spraying large areas, as they will dry up faster. • **C**

Finally, use a blower to remove any excess water remaining on the paver surface. Please visit our web site at www.AllianceGator.com for other applications such as natural stones.



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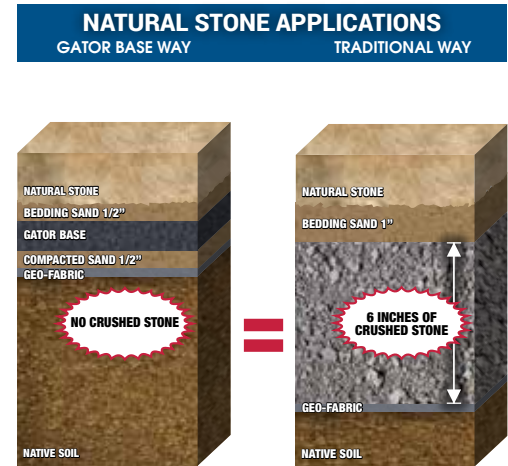
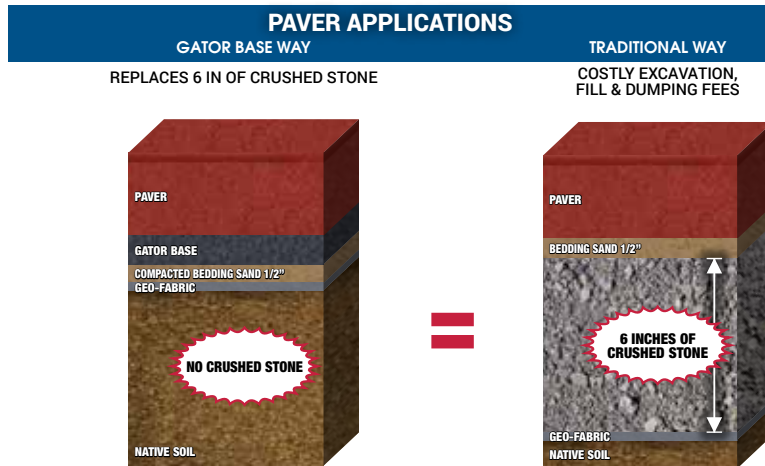
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(Adding a second layer 1/2 in (13 mm) of loose bedding sand on top of the Gator Base is also an accepted method of installation.)

*The pavers' or natural stones' height (1 1/8 in to 3 1/8 in [2.8 to 8 cm]) will determine the total excavation depth.

- Advantages:**
- Save 6 in (15 cm) of extra excavation.
 - Save 6 in (15 cm) of compacted crushed stone.
 - Save cost of truck and driver on the road.
 - Avoid costly dumping fees.
 - Reduce labor costs.
 - Reduce wear and tear on machinery.
 - Reduce overall installation time.
 - Increase profit.

Please Note: • For pedestrian use only.

Coverage Per Gator Base Unit:

Total area 24 in x 36 in = 6 ft sq / 60 x 90 cm = 0.54 m sq
Usable surface 23.5 in x 35.5 in = 5.79 ft sq / 0.59 m x 0.9 m = 0.53 m sq

Packaging:	Product	Size	Units per Pack	Units per Pallet
	GATOR BASE	24 in x 36 in	10	120

WARRANTY:

ALLIANCE DESIGNER PRODUCTS INC. cannot guarantee results as it has no control over surface and sub-surface preparation and product application. 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. 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, DIRECT OR CONSEQUENTIAL. TO THE EXTENT PERMITTED BY LAW, ALLIANCE DESIGNER PRODUCTS INC., EXCLUDES ANY IMPLIED WARRANTY OF QUALITY, MERCHANTABILITY OR FITNESS FOR PURPOSE.



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