



**GATOR XTURF PREMIUM BLEND**

TDS Revision Date (dd/mm/yyyy): 12/11/2024



# TECHNICAL DATA SHEET

**Update:** November 12, 2024  
 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 XTURF PREMIUM BLEND** artificial turf is the ideal replacement of the natural grass for residential landscaping, heavy-traffic commercial and sports surfaces. **GATOR XTURF PREMIUM BLEND** is a high-end artificial turf with natural colors blended up to three-color called Gator Forest Green and Gator Lime Green soft and fine yarn, as well as health and safe property. The C-shaped blades are durable and also prevent the turf from matting under heavy use with great water permeability, **GATOR XTURF PREMIUM BLEND** residential and commercial grass can alleviate the problem of rainwater accumulation quickly. **GATOR XTURF PREMIUM BLEND** synthetic turfs are free from heavy metals or harmful substances with a fire resistance level, meeting the requirements of both indoor and outdoor applications. Enjoy Relax, Beautiful and Healthy Home Life with our **GATOR XTURF PREMIUM BLEND**.

**Ideal for:** Residential and commercial applications heavy-traffic landscaping

- Features:**
- Gator Forest Green or Gator Lime Green
  - XTRA comfortable (high blade density)
  - XTRA durability (highest quality material)
  - XTRA soft touch (engineered blade shape)
  - Rich, thick and healthy appearance
  - Pile Height 1.75" (45 mm) ± 3%
  - Face Weight 85 oz/sq.yd ± 5%
  - Hardwearing resistance
  - No mowing • No watering
  - 20-year warranty

<b>Packaging:</b>	<b>Product</b>	<b>Size</b>
	<b>GATOR XTURF PREMIUM BLEND</b>	Rolls of 7.5' X 25' (2.29 m X 7.72 m) • 144 lb (65 Kg)
	<b>GATOR XTURF PREMIUM BLEND</b>	Rolls of 7.5' X 50' (2.29 m X 15.24 m) • 289 lb (131 Kg)
	<b>GATOR XTURF PREMIUM BLEND</b>	Rolls of 15' X 33' (4.57 m x 10.0 m) . 365 lb (166 kg)
	<b>GATOR XTURF PREMIUM BLEND</b>	Rolls of 15' X 100' (4.57 m X 30.48 m) • 1095 lb (497 Kg)

**Typical Properties**

SPECS	Description	Units	Gator Forest Green	Gator Lime Green
Color details	Different colors of the yarns used	N/A	Dark Green/Olive	Dark Green/Olive/Lime
Grass Zone Yarn material	Chemical composition	N/A	Polyethylene	Polyethylene



**Alliance Designer Products Inc.**  
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SPECS	Description	Units	Gator Forest Green	Gator Lime Green
Grass Zone Denier	Density of the turf blade fiber	in grams every 9000 m of fiber yarn. With no. of threads	8 800 / 8	9 900 / 9
Grass Zone D-TEX	Density of the turf blade fiber	in grams every 10 000 m of fiber yarn with no. of threads	9 777 / 8	10 999 / 9
Thatch zone material	Chemical composition	N/A	Polypropylene	Polypropylene
Thatch Zone Yarn Color	Different colors of the yarns used	N/A	Green/Beige	Green/Beige
Thatch Zone Denier	Density of the thatch fiber	in grams every 9000 m of fiber yarn. With no. of threads	4 000/ 8	4 000/ 8
Thatch D-Ttex	Density of the thatch fiber	in grams every 10 000 m of fiber yarn with no. of threads	4 400 / 8	4 400 / 8
Grass Zone Yarn Shape	Blade shape is so important to the look, function and longevity of your lawn	Omega, C, Diamond, S, M, U, V and W	C Blade (Durable)	C Blade (Durable)
Finished Pile Height	Height of the blades	Inches (mm)	1.75 (45)	1.75 (45)
Finished Face Weight	The number of ounces of fiber per square yard in the face of the turf (not including the backing)	oz/yd <sup>2</sup>	85	85
Backing	Type of backing	N/A	Dual PP Layers	Dual PP Layers
Tuft Gauge	Distance between the yarns of synthetic turf	Inches (mm)	3/8 (9,5)	3/8 (9,5)
Total Weight	Weight of the face and the backing	oz/yd <sup>2</sup>	111	111
Tuft Bind	orce required to pull a "tuft" out of a carpet	lb	>8	>8
Permeability	Drainage of water	mm /hr	180	180
Fabric Construction	Type of fabric	N/A	Tufted	Tufted
Primary Backing	First coat of backing	N/A	Dual PP Layers	Dual PP Layers
Coating Type	Chemical composition	N/A	Polyurethane	Polyurethane
Primary Backing Weight	Weight of the primary backing only	oz/yd <sup>2</sup>	6	6
Secondary Coating Weight	Weight of the secondary backing only	oz/yd <sup>2</sup>	20	20
Pile Elongation Break	% of elongation of pile material at break	%	160	160
Flammability	ASTM F-1551-9	N/A	Passed	Passed



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## GATOR XTURF PREMIUM BLEND

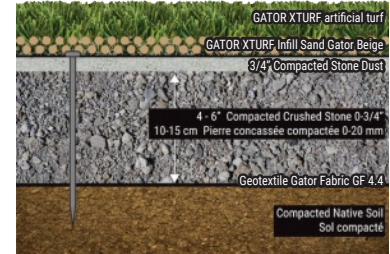
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## GATOR XTURF INSTALLATION & APPLICATION

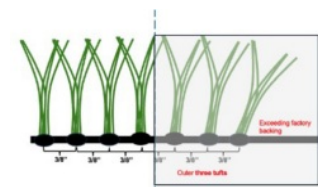
### BASE PREPARATION

- A Always refer to the latest **GATOR XTURF** Technical Data Sheet (TDS) available at AllianceGator.com before installing **GATOR XTURF**.
- B Excavate to prepare a solid base by densely compacting 4-6" (10-15 cm) of crushed stone. Remove any roots and weeds growing. The levelness and desired shape of your subbase should match your finish grade and allow for proper drainage.
- C You are now ready to lay your geotextile Gator Fabric GF 4.4. Ensure that your Gator Fabric GF 4.4 seam is overlapped by 12 inches (30 cm).
- D The foundation should be built with 4 to 6" (10-15 cm) of compacted 0-3/4" (0-20 mm) crushed stone. Rake and level evenly to achieve your desired grade and slope. Wet your surface before compacting. Run the plate compactor by lift of 2"-3" (5-8 cm) over the entire surface to compact the crushed stone in place. In restricted areas use a hand tamper or a jumping jack. Examine for any high or low spots and adjust before proceeding with the final 3/4" layer of stone dust. The final layer of your foundation that has been compacted, leveled, and sloped should be reflective of the finished yard. (Maximal variant of 3/8" (10 mm) after final compaction) The smoother your base, the smoother your **GATOR XTURF**.
- N.B. To increase drainage, use a 3/4" (20 mm) net stone in drainage channels below your foundation of 0-3/4" (0-20 mm).
- E Now that your foundation is ready for surfacing, it's time to measure and put some reference marks down according to your plan layout and install your first roll of **GATOR XTURF**.



### STEP 1 REMOVAL THE OUTER THREE TUFTS

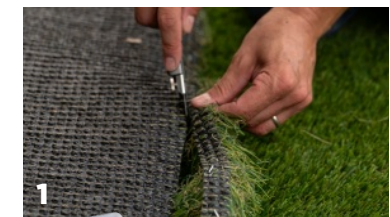
- 1A Determine the **GATOR XTURF** size roll needed to cover the surface and reduce the amount of joint needed for the installation. Roll sizes: (15' x 100' • 15' x 33' • 7.5' x 50' • 7.5' x 25'). Roll out the **GATOR XTURF** on a flat surface. This will help make the next steps quick and easy.
- 1B With the use of a utility knife, remove the outer three tufts on your seaming edge. Trimming the backing tight to the tuft being seamed will ensure straight tufts blades.
- N.B. It is recommended to leave the **GATOR XTURF** exposed to the sun and heat a few hours to ensure dilatation and flatten the **GATOR XTURF**.



### FOR STEPS 2 TO 6 • 3 MAIN KEY WORDS TO RETAIN: CUT • GLUE • NAIL

### STEP 2 LAYING OF THE FIRST ROLL OF GATOR XTURF

- 2 Keep the edge of the **GATOR XTURF** pulled tight with the help of an artificial turf puller and wave air under it to aid in shifting the pieces into place without disrupting your base. With the first **GATOR XTURF** in place, it's time to bring your next roll. Remove the outer three tufts of your seaming edge, position the second roll of **GATOR XTURF** in the same direction as the initial roll and brush a section of both rolls at the meeting seam to ensure you have the same look of blades, colors and shapes when looking at all angles. Depending on the angle, there could be a variation of texture and color due to lighting.



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### STEP 3 JOINTING THE GATOR XTURFS

- 3A** With the outer three tufts and extended factory backing removed, your **GATOR XTURFS** have a vertical row of blades that line up perfectly with the piece to be seamed. The space between the tufts is (9 mm), so you want to ensure the two rows being seam together have that same spacing. Upon lining up your second piece of **GATOR XTURF**, you should observe an open gap of 1/8" to 1/4" (3-6 mm) in width with no excess backing left behind.
- 3B** We are now ready to roll out the **GATOR XTURF SEAM TAPE** centered down your seam with no folds or wrinkles. Note: To ensure you have no folds or wrinkles, use a Knee Kicker to position the **GATOR XTURF** in place.
- 3C** When the **GATOR XTURF SEAM TAPE** is in place, nail it at the extremities. With the **GATOR XTURF SEAM TAPE** secured to the base, it's time to spread out some **GATOR XP GLUE**.



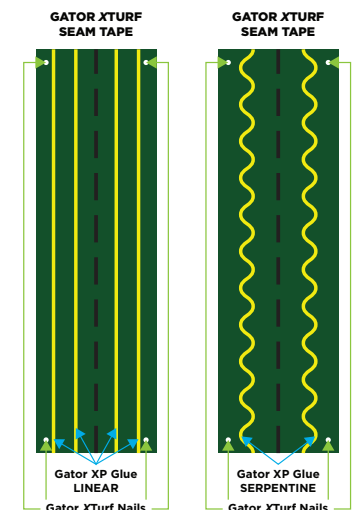
### STEP 4 BINDING THE GATOR XTURF TO THE GATOR XTURF SEAM TAPE

- 4A** Using a glue gun, pour the **GATOR XP GLUE** in a linear or serpentine pattern over the **GATOR XTURF SEAM TAPE** 1" (2.5 cm) away from the middle dotted line of the **GATOR XTURF SEAM TAPE**, both far enough not to spread in the middle of the seam joints. In such an occurrence, clean immediately with solvent such as acetone, thinner or gasoline.
- 4B** With the **GATOR XP GLUE** in place, it's time to put this seam together. Pull both ends back and carefully close the center together evenly (like a zipper). Work slowly and keep your eyes ahead of the closure to assure perfect alignment between the two pieces. You should see a gap of 1/8" to 1/4" (3-6 mm) between them as you lay them down together.
- 4C** With the seam completed, firmly press the ends down and work your way back down the seam applying pressure to help the adhesive penetrate up into the tufts and backing. The seam will all be covered with infill.



#### Please note:

- 1 It is always safer to double-check your spacing before applying the glue.
- 2 The use of a roller on the seam joints will ensure the transfer of adhesive on the backing.
- 3 To protect the seam joints after gluing, it is also recommended to fix 2 nails at both extremities. These nails and seam will be covered when the infill is installed.
- 4 **GATOR XP GLUE** is a moisture-cure-type adhesive; it is best to apply the **GATOR XP GLUE** and pre-activate it by spraying water before gluing the **GATOR XTURF** to the seam tape. This will speed up the reaction and thereby cure the adhesive. **GATOR XTURF** may be repositioned for up to 30 minutes without losing bond strength. Moisture shortens the open time of polyurethane adhesives. Avoid use when raining or onto standing water. **GATOR XP GLUE** polyurethane adhesive forms a tenacious bond overnight. Cure time varies with temperature and humidity. Make sure the glued seam is set (3-4 hours) before proceeding with the brooming.







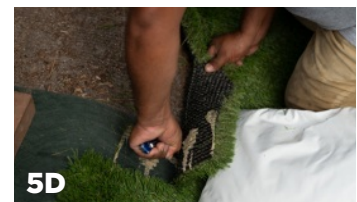
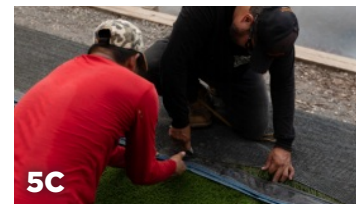
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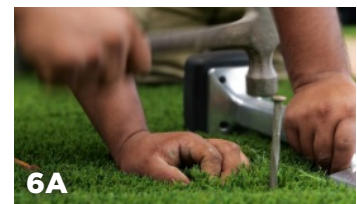
### STEP 5 CUTTING AROUND AN OBJECT OR SEAM

- 5A** With the seam completed, firmly press the ends down and work your way back down the seam applying pressure to help the adhesive penetrate up into the tufts and backing. The seam will all be covered with infill.
- 5B** When trimming out your project edging for a patio, garden, pavers or other application, with your utility knife in one hand, grab the side of the **GATOR XTURF** being removed and pull it back to expose the backing. The blade of your utility knife should be sharp and just long enough to cut the backing and not the grass blades. When cut, the backing should be tight to any structure edges without touching and a gap no bigger than 1/8" (3 mm).
- 5C** Cutting up to a wall, fence or a boulder requires patience and a sharp blade. Fold the **GATOR XTURF** back, press it tight to the corner and place the blade closest to the object. Lift the **GATOR XTURF** up, cut 6" (15 cm) at a time, lay it back down and check the fit.
- 5D** When cutting around corners, trees or posts, a relief cut will be required. From the furthest outward point, cut through from the backing out to the edge of the **GATOR XTURF**. Remove any excess **GATOR XTURF** so that the next cut is easier to handle.



### STEP 6 SECURE GATOR XTURF WITH GATOR XTURF NAIL

- 6A** It is recommended to nail the edges every 4"-6" (10-15 cm) with a spiral **GATOR XTURF NAIL**. They should rest flat against the backing with no blades trapped down. (6-10" (15-25 cm) Spiral Nails)
- 6B** The **GATOR XTURF NAIL** should sit 1/4"-1/2" (6-12 mm) away from the edge of the **GATOR XTURF**. Any closer may cause downward curling, voids, and nailing further the nail to lift. Make sure the **GATOR XTURF NAIL** is sitting flat to the backing. The **GATOR XTURF NAIL** will all be covered with infill.



### STEP 7 APPLY GATOR XTURF INFILL SAND (Refer to TDS for quantity of infill sand to use)

- 7A** Work in straight lines to ensure total coverage across the entire **GATOR XTURF** surface. A drop spreader with an adjustable spread rate is the best tool for creating a consistent infill layer. However, pay attention to the rows with the spreader as it will absorb into the **GATOR XTURF** while being dropped.
- 7B** Use a shovel to fill the edges and corners of your **GATOR XTURF**. Consistent speed and quantity throughout is key. The smoother you spread it, the smoother your final surface will feel underfoot. Apply your infill material in a thin layer each time.
- 7C** **GATOR XTURF INFILL SAND** is the primary infill ingredient for the first layer of infill. The **GATOR BEIGE/GREEN** infill sand makes it a beautiful and natural choice. For pet playgrounds, **GATOR XTURF INFILL SAND GATOR ZEO-WHITE** is generally considered the best topping infill to use to help eliminate and minimize odor. **GATOR XTURF INFILL SAND GATOR ZEO-WHITE** is also very porous, which helps to keep your **GATOR XTURF** cooler in direct sunlight compared to rubber infill options.



**N.B.** Make sure the **GATOR XP** glue is set for 3 to 4 hours before brooming.



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### STEP 8 BROOM THE GATOR XTURF

**8A** To get your infill layer to drop completely, you will need to brush the **GATOR XTURF** blades back with the help of a stiff bristle broom, turf rake or Power Broom. Never use a metal leaf rake, as it may damage the artificial turf blades. Keep firm pressure and walk backwards slowly as you work the infill deep into the **GATOR XTURF**. Work in rows and overlap your passes. It is also recommended to brush north-south and east-west to ensure that all **GATOR XTURF INFILL SAND** is no longer visible and that all the blades are standing vertically.

**8B** To complete the project, blow out any remaining **GATOR XTURF INFILL SAND GATOR BEIGE/GREEN** or cut blades residue left on the surface using a leaf blower.

**N.B.** After brooming and blowing, lightly mist with water to remove static. This will also help the **GATOR XTURF INFILL SAND GATOR BEIGE/GREEN** to drop in place and keep the blades upright.



8A.1 Broom option



8A.2 Power broom option

### 20-YEAR LIMITED WARRANTY (RESIDENTIAL)

Please note that this limited warranty applies only when the product is used for residential purposes exclusively (homeowners or contractors using the product for single or multi-unit dwellings that are exclusively for residential use). The manufacturer cannot guarantee results as it has no control over surface and sub-surface preparation and product application. (Proper installation of **GATOR XTURF** artificial turf to ensure long-term stability of work, including granular foundation of certified crushed stone of 0-3/4 inch (0-20 mm) (minimum of 4-6 inches (10-15 cm)). However, for a period of 20 years from purchase, the manufacturer 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 the manufacturer 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 THE MANUFACTURER. IN ALL EVENTS, THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES OR COSTS WHATSOEVER, (INCLUDING REMOVAL OR REINSTALLATION OF **GATOR XTURF SYSTEM** DIRECT OR CONSEQUENTIAL. TO THE EXTENT PERMITTED BY LAW, THE MANUFACTURER EXCLUDES ANY IMPLIED WARRANTY OF QUALITY, MERCHANTABILITY OR FITNESS FOR PURPOSE. ALLIANCE DESIGNER PRODUCTS INC. excludes any responsibility for use of **GATOR XTURF** for any installation not installed to manufacturer's specifications.

### 1 YEAR LIMITED WARRANTY (COMMERCIAL)

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. ALLIANCE DESIGNER PRODUCTS INC. excludes any responsibility for use of any **GATOR XTURF SYSTEM** for any installation not installed to manufacturer's specifications.



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