



**GATOR GRID GG 30-30 BIAXIAL NO MEMORY (30 KN/m)**  
**BIAXIAL GATOR GRID FOR: STAIRCASE, PATIO, LANDING AREA, RETAINING WALL AND MORE**  
TDS Revision Date (dd/mm/yyyy): 22/01/2024

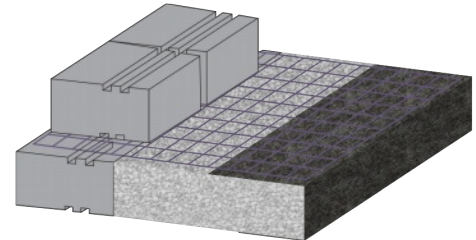
# TECHNICAL DATA SHEET

**Update:** January 22, 2024  
Make sure you have an updated data sheet on hand.

**Description:** **Gator Grid GG 30-30**, a biaxial geogrid, provides strength, longevity, excellent stress transfer and prevents failure to the internal structure of your staircases, patios, landing areas and retaining walls. As a biaxial geogrid, **GATOR GRID GG 30-30** has a high molecular weight as well as high-tenacity polyester yarns which are woven in tension and finished with a PVC coating.

**Features:**

- Biaxial: can be installed in both directions
- Pliable, stay 100% flat when unrolled
- Ageing resistant
- High tensile strength
- Adds strength, stability and longevity
- Helps reduce stress and load transfer to the structure
- Soil separation for added stability
- UV-Resistance
- Easily combined with gravel and soil



**Uses:**

- Staircase internal structure
- Raised patio internal structure
- Retaining wall structure
- Soil stability
- Erosion control
- General landscape
- Subgrade stabilization
- General landscape
- Medium height retaining wall system

**Roll sizes:**

- 1,2 m x 15 m
- 1,8 m x 45 m



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**Typical Properties:**

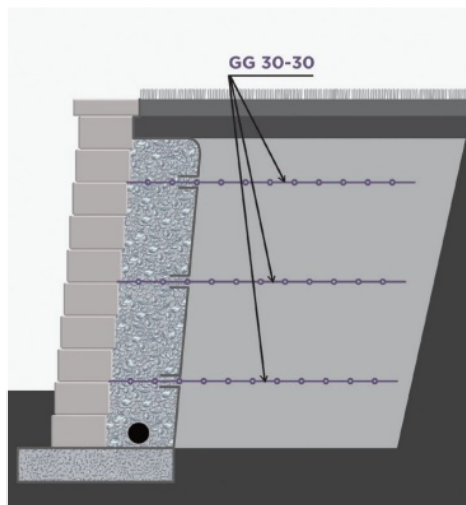
Properties	Test method (ASTM)	Units	Results	
			Machine Direction (MD)	Cross Direction (CD)
Tensile Strength (at ultimate)	D6637	KN/m	30	30
Elongation	D6637	%	>15%	>15%
Tension at 2% Elongation	D6637	KN/m	6.5	6.5
Tension at 5% Elongation	D6637	KN/m	11	11
UV Resistance	D4355	% strength retained	70	
Aperture size		mm	27 X 37	

Reduction Factors & Long-Term Design Strength (LTDS)		
RFCR	120 yrs life, 40°C temp	1.52
RFD	pH = 4 to 9	1.1
RFDI	Sand/Silt/Clay	1.1
	<38 mm Gravel	1.15
LTDS (Sand/Silt/Clay); pH = 4-9		16.31
LTDS (Gravel<38 mm); pH=4-9		15.6

**Installations instructions:**

**Method of application of GATOR GRID GG 30-30 Biaxial NO Memory (2052 lbf/ft) soil stabilization for added stability:**

Anchor and stretch GATOR GRID GG 30-30 BIAXIAL before installing the next layer of aggregate and block.



**This drawing is issued for information only. Do not use for construction.  
 Do not measure from this drawing.**



Alliance Designer Products Inc.  
 1800 Berlier st., suite 200, Laval, Quebec, Canada H7L 4S4  
 Tel.: 450 624-1611 Fax: 450 624-1622  
[www.alliancegator.com](http://www.alliancegator.com) - Email : info@alliancegator.com



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**Packaging:**

Size of the roll	Kg / Roll	Packaging
1,2 M X 15 M	7,7 KG	42 ROLLS / PAL
1,8 M X 45 M	19,3 KG	30 ROLLS / PAL

**Disclaimer for Gator Grid GG 30-30 Biaxial NO Memory:**

The soil composition may vary from location to location. Global stability of the soil has not been considered. It is the owner's responsibility to take into consideration the soil parameters indicated on the label and to ensure that the soil's properties meet construction standards. A soil analysis must be done before starting any wall project. Before the construction of your segmental wall and before using any type of Gator Grid and establishing the placement, consult a qualified local engineer and obtain a stamped plan. To ensure the structural integrity of your segmental retaining wall, follow manufacturer instructions and installation steps for the construction of your wall. These placement tables are not to be used on multi-tiered walls or in areas with excess water runoff, seepage or springs, unless first otherwise confirmed by a qualified local engineer. Additional Gator Grid than what appears on the label may be required in your application. This document should not be construed as engineering advice. We assume no liability of any kind if the instructions in the present disclaimer are not followed or if the owner's use of the product is different than the one for which it is intended.