



Miragrid® 2XT

Miragrid® 2XT biaxial geogrid is composed of high molecular weight, high tenacity polyester multifilament yarns are woven in tension and finished with a PVC coating. Miragrid® 2XT biaxial geogrid is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Miragrid® 2XT geogrid is used as soil reinforcement in MSE structures such as segmental retaining walls, precast modular block walls, wire faced walls, geosynthetic wrapped faced walls and steepened slopes. Miragrid® 2XT is also used in MSE stabilized platforms for voids bridging, embankments on soft soils, landfill veneer stability, reducing differential settlement and for foundation seismic stability.

TenCate Geosynthetics Americas is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Tensile Strength @ Ultimate Mass/Unit Area ¹	ASTM D6637(Method B) (ASTM D5261)	lbs/ft (kN/m) oz/yd ² (g/m ²)	2000 (29.2)	2000 (29.2) 7.1 (241)
			MINIMUM ROLL VALUE	
Creep Rupture Strength ²	ASTM D5262/D6992	lbs/ft (kN/m)	1389 (20.3)	1389 (20.3)
Long Term Design Strength ³		lbs/ft (kN/m)	1202 (17.5)	1202 (17.5)
PHYSICAL PROPERTIES		UNIT	ROLL CHARACTERISTIC	
Roll Dimensions ⁴ (width x length)		ft (m)	4 x 50 (1.2 x 15)	
			6 x 150 (1.8 x 46)	
			12 x 150 (3.6 x 46)	
Roll Area		yd ² (m ²)	22 (18)	
			100 (84)	
			200 (167)	
Estimated Roll Weight		lbs (kg)	25 (11)	
			50 (23)	
			109 (49)	
Label Roll Color			WHITE	

¹Typical Value

²75-year design life based on NTPPEP Report [REGEO-2016-01-062](#).

³Value based on Long Term Design Strength for sand, silt, clay. $RF_{CR} = 1.44$; $RF_{ID} = 1.05$; $RF_D = 1.1$
(Installation damage reduction factor for other soils available upon request)

⁴Special order roll lengths are available upon request.

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice. Mirafi® is a registered trademark of Nicolon Corporation. Copyright © 2021 Nicolon Corporation. All Rights Reserved
FGS000116
ETQR36