

FW-22 (Face Wrap - 22) is a geosynthetic reinforcement product for the face wrap of steep slope earth structures. Manufactured with polyester thread coated in PVC, the precision knitted geogrid provides a mesh structure for both erosion protection and space for vegetation to grow. The mesh is engineered to be both mechanically and chemically durable inert to biological degradation and resistant to naturally encountered soils. Imported.

Minimum Average Roll Values (MARV)

		<u>MD</u>		<u>CMD</u>	
STRENGTH	Ultimate Strength (T_{Ult})	1,505	(22.0)	1,505	(22.0)
	ASTM D 4595-lb/ft (kN/m)				
	Creep Limited Strength	941	(13.8)	941	(13.8)
	Durability Reduction Factor, RF_D	1.10	1.10	1.10	1.10
	Installation Damage ($RF_{Installation\ Damage}$)				
	Sand, Silt, Clay	1.05	1.05	1.05	1.05
LTDS GRI GG4-lb/ft(kN/m) MD					
	Sand, Silt, Clay	814	(12.0)	814	(12.0)
GEOMETRY					
	Aperture Size Inches (mm)	0.10	(2.5)	0.10	(2.5)
COLOR		Green		Green	
WEIGHT					
	ASTM D4632 - oz/yd ² (kg/m ²)	7.4	(0.25)		
ROLL SIZE					
	Width feet(m)	8.0	(2.44)		
	Length feet(m)	225	(68.6)		
	Area sq.yards(m ²)	200	(167)		
	Weight lbs(KGS)	92	(42)		

WHERE:

MD = Machine Direction, running along roll length

CMD = Cross Machine Direction, running across the roll length

MARV = Lot average minus 2 times the standard deviation

LTDS = Long Term Design Strength = $T_{Ult} / RF_{Creep} \times RF_{Installation\ Damage} \times RF_{Durability}$

The use and selection of the product above should be completed by a competent design professional. Specifications as outlined above are subject to change. The products above are specifically designed for earth reinforcement. Earth Wall Products, LLC has compiled the above information based on tests conducted in accordance with recognized Industry Standards. Earth Wall Products will have no liability for consequential damages. No warranties are expressed or implied, including without limitation any warranties of fitness for a particular purpose, marketability, value, or condition. Regardless of the cause of action or legal theory, the liability of Earth Wall Products shall be limited to the fee paid to Earth Wall Products. Copyright 2018 by Earth Wall Products, LLC.