Technical Data Sheet

DRENO

Drainage geotextile

DESCRIPTION

DRENO is a non-woven polyester fibre fabric (geotextile) designed to be applied in contact with the ground.

USES

- ✓ Geotextile for application on roads, railways, earthworks, foundations and retaining structures, drainage systems, erosion control, reservoirs and dams, canals, tunnels, landfills, liquid waste containment projects.
- ✓ Polymer bitumen membrane protection used for waterproofing foundations or retaining walls.
- ✓ Separation and/or the sliding layer for overlapping functional elements.

ADVANTAGES

- ✓ High filtering power for sandy and/or dusty materials.
- ✓ It enables the drainage of rainwater.
- ✓ Good modulus of resilience.
- ✓ Good adaptability to uneven surfaces
- ✓ Dry application

TECHNICAL SPECIFICATIONS

GEOTEXTILES	TESTING METHOD	200	300	400
Uses		F+S	F+S	F+S
Tensile strength (UTS)	EN ISO 10319	MD 2.0 kN/m (-1.0 kN/m) CMD 2.5 kN/m (-1 kN/m)	MD 3.0 kN/m (-1 kN/m) CMD 3.5 kN/m (-1 kN/m)	MD 4.0 kN/m (-1 kN/m) CMD 4.5 kN/m (-1 kN/m)
Resistance to dynamic puncture (Dc)	EN 918	25 mm (+15 mm)	18 mm (+10 mm)	13 mm (+6 mm)
Resistance to static puncturing (Fp)	EN ISO 12236	0.4 kN (-0.15 kN)	0.6 kN (0.2 kN)	0.8 kN (0.2 kN)
Size of the openings (090)	EN ISO 12956	130 µm (+/- 30 µm)	90 µm (+/- 30 µm)	80 µm (+/- 30 µm)
Water permeability	EN IS0 11058	130 mm/sec (-30 mm/sec)	100 mm/sec (-30 mm/sec)	60 mm/sec (-25 mm/sec)
Durability:	• To cover the day of installation • Minimum 5 years durability for non-reinforcment functions in soils with 4 <pH <9 and temperature <25°C			

MATCO reserves the right to change the ratings without notice.