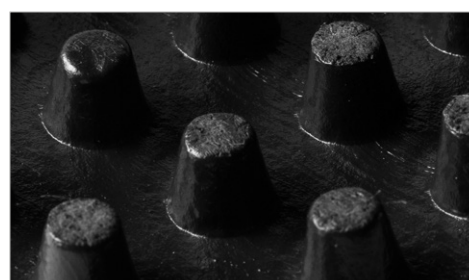
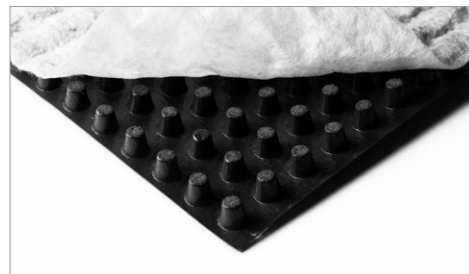


DRAINAGE - FILTRATION SEPARATION - PROTECTION

Polyethylene geomembrane used for mechanical protection of waterproofing and drainage membranes.

The special shape of the studs results in excellent compressive strength and impressive drainage capacity to cope with both high and low loads (up to 600 kPa).

The product can also be bonded to a PP non-woven geotextile (model 12F) and, only on request, to two geotextiles.

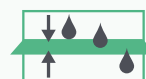


INTERNAL STRUCTURE	Dimple membrane
RAW MATERIAL (MEMBRANE)	HDPE
RAW MATERIAL (GEOTEXTILE)	PP
THICKNESS [EN ISO 9863-1]	10 mm
N. OF NONWOVEN GEOTEXTILES THAT CAN BE BONDED	0 - 1
MASS OF THE GEOTEXTILE [EN ISO 9864]	100 - 1200 g/m ²
MASS OF THE MEMBRANE [EN ISO 9864]	800 - 1300 g/m ²
MAX. WATER FLOW CAPACITY IN PLANE (i=1) [EN ISO 12958-1]	4 l/(m·s)
COMPRESSION RESISTANCE [EN ISO 25619-2]	Up to 600 kPa
WIDTH	2,44 - 4,88 m

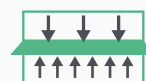
FUNCTION



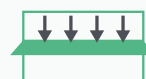
DRAINAGE



FILTRATION



SEPARATION



PROTECTION

AREA OF APPLICATION



LANDFILLS



EARTH
WORKS



CONTAMINATED
SITES



ROADS
RAILWAYS
AIRPORTS



TUNNELS



MINES

Performance overview

Surface drainage capacity · EN ISO 12958-1 · Soft/Rigid Contact (S/R)

Declared tolerance $\pm 25\%$

Flow rate [l/(m·s)]	p=20 kPa		p=50 kPa		p=100 kPa		p=200 kPa	
	i=0,1	i=1	i=0,1	i=1	i=0,1	i=1	i=0,1	i=1
0 - 1								
1 - 1,5								
1,5 - 2								
2 - 2,5								
2,5 - 3								
>3								

■ = flow capacity class achieved by the mean value of the product family.



ABOUT US

TeMa is an Italian company specializing in the manufacture of geosynthetic systems for construction, with over 30 years of industry experience.

Solutions provided integrate drainage, waterproofing and mechanical protection into engineered systems for civil works, infrastructure and environmental remediation.

TeMa provides specialized technical support from design through execution, with product certifications in line with the main European and international standards.

INTERNATIONAL PRESENCE

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