

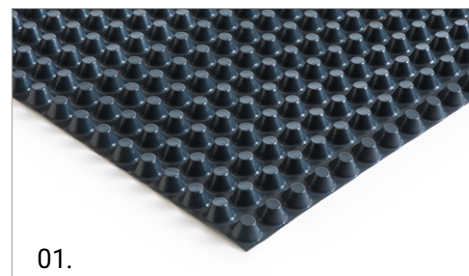
DRENAGGIO - FILTRAZIONE SEPARAZIONE - PROTEZIONE

Maxistud is a 20 mm thick HDPE studded membrane that gives it excellent hydraulic performance up to compressive loads of more than 200 kPa.

In the T2 version the system is also certified under fire reaction class C s1 d0 standard.

The membrane can be bonded to a PP non-wove geotextile (GEO version).

Maxistud F features notches and can be used as a water reservoir in hanging green roofs.



01.



02.

01. Maxistud / 02. Maxistud GEO

MODELS

Maxistud (membrane only)
Maxistud T2 (fire class C)
Maxistud F (+ notches)
Maxistud Geo (+ 1 PP NW geo-textile)

THICKNESS

20 mm

N. OF NONWOVEN GEOTEXTILES THAT CAN BE BONDED

0 - 1

MASS OF THE GEOTEXTILE [EN ISO 9864]

100 - 1200 g/m²

MASS OF THE MEMBRANE [EN ISO 9864]

800 - 1400 g/m²

MAX. WATER FLOW CAPACITY IN PLANE (i=1) [EN ISO 12958-1]

10 l/(m•s)

COMPRESSION RESISTANCE [EN ISO 25619-2]

Up to 250 kPa

WIDTH

2 - 4 m

Maxistud

Maxistud T2

RAW MATERIAL

Recycled PE

Virgin PE

FIRE REACTION

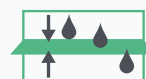
F

C s1 d0

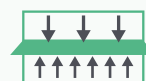
FUNCTION



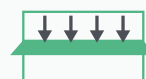
DRAINAGE



FILTRATION



SEPARATION



PROTECTION

AREA OF APPLICATION



LANDFILLS



EARTH
WORKS



CONTAMINATED
SITES



DRY
SLOPES



CANALS



MINES



ROADS
RAILWAYS
AIRPORTS



TUNNELS

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=200 kPa	
	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 - 5						
5 - 10						

 = 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

Italy, Russia, Spain, Turkey, Romania, South Africa, United States.

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