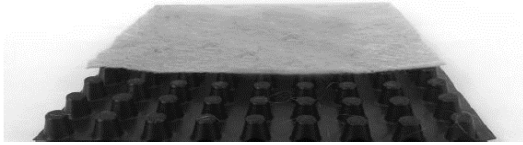


HDD 10 105 12F



Reference norms: **EN 13252**

Certificate number: **1213-CPD-3735**



Function: **Drainage**

STRUCTURE: HDD 10 105 12F is an high density extruded polyethylene (HDPE) membrane, bonded to a filter geotextile.

DRAINAGE CORE

Raw material		HDPE	<i>tol</i>
Studs for square meter	n/m^2	2500	

UPPER FILTER GEOTEXTILE (TOP)

Raw material		PP	<i>tol</i>
Weight	EN ISO 9864	g/m^2	120 <i>+/-10%</i>

GEOCOMPOSITE

Thickness at 2 kPa	EN ISO 9863-1	mm	10 <i>±1</i>
Compression resistance	ASTM D 1621	kN/m^2	600 <i>±20%</i>
Tensile strength (MD/CMD)	EN ISO 10319	kN/m	16/12 <i>-2</i>
Elongation at max load (MD/CMD)	EN ISO 10319	%	70/70 <i>±40</i>

HYDRAULIC PERFORMANCES

Plane flow capacity MD	EN ISO 12958	$l/(m \cdot s)$	<i>+/-20%</i>
	<i>Hydraulic gradient</i>	<i>Contact</i>	<i>i = 0,04</i> <i>i = 0,10</i> <i>i = 1</i>
	<i>Load: 20 kPa</i>	<i>S/R</i>	0,70 1,30 4,00
	<i>" 50 kPa</i>	<i>S/R</i>	0,64 1,10 3,50
	<i>" 100 kPa</i>	<i>S/R</i>	0,60 0,88 3,10
	<i>" 200 kPa</i>	<i>S/R</i>	0,54 0,70 2,80

S/S: Soft/Soft Contact - S/R: Soft/Rigid Contact - R/R: Rigid/Rigid Contact

MD: Machine direction / CMD: Cross machine direction

STANDARD DIMENSIONS

Width	m	2,44 - 4,88	<i>±3%</i>
Length	m	12,5	<i>±2%</i>
Rolls/pallet	n	6	



The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

TeMa Technologies and Materials srl

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