VINITEX MAT

Vinitex MAT is a pvc membrane reinforced with fibre glass mat

ADVANTAGES

•Good Ageing resistance.
•Weathered resistance
•Excellent mechanical properties
•Easily Hot-air weldable, even several years after installation.
•Excellent dimensional stability
•Root resistant according to EN 13948:2008

APPLICATION

VINITEX MAT is used for roof waterproofing, especially for ballasted roof and green roof, in new roof or re-roofing.

REGULATIONS

Produced under European Standard EN 13956. Certificate no. 1085-CPR-0261.
Certificate by BBA (British Board Agreement) nº 11/4875.
Produced in certified plant EN ISO 9001 (Quality Management System) and EN ISO 14001 (Environmental Management System).

TEXSA SYSTEMS SLU reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.

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INSTALLATION

Installation of Vinitex System must be performed by qualified or authorized applicator Substrates must be smooth, clean, and free of sharp edges or foreign substances. In contact to asphalt, bitumen, oils or existing membranes, a separation layer must be installed. Membranes should be joined using hot air welding. Check the joint using a round-headed punch. Good Weldability depends on environmental conditions, equipment conditions (temperature, pressure, speed of work) and surface of the membrane, so the equipment should be adjusted to get a right welding

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PACKAGING AND STORAGE

Colour (Surface/underside) Light grey / Dark grey

	Vinitex MAT 1.2	Vinitex MAT 1.5	Vinitex MAT 1.8	Vinitex MAT 2.0
Length (m)	20 or 25	20	20	20
Width coextrusion (m)	2.10	2.10	2.10	2.10
m2/roll	42 or 52.5	42	42	42
m2/pallet	588 or 735	588	588	588

Storage: Horizontal and parallel (never crossed). Supplied in roll son cardboard tubing. Store in the original packaging in a dry and cool place.

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TECHNICAL PROPERTIES

PROPIERTIES	Unit	Test method	Vinitex MAT 1.2	Vinitex MAT 1.5	Vinitex MAT 1.8	Vinitex MAT 2.0
Thickness	mm	EN 1849-2	1.2	1.5	1.8	2.0
Mass per unit area	Kg/m2	EN 1849-2	1.5	1.8	2.4	2.9
Water tightness	-	EN 1928 (B)	Pass	Pass	Pass	Pass
Tensile strength to Break	N/mm2	EN 12311-2 (B)	≥ 9	≥ 9	≥ 9	≥ 9
Elongation to Break (LxT)	%	EN 12311-2 (B)	≥ 200	≥ 200	≥ 200	≥ 200
Impact resistance	mm	EN 12691 (A)	≥ 450	≥ 800	≥ 900	≥ 1250
Static puncture resistance	kg	EN 12730	≥ 20	≥ 20	≥ 20	≥ 20
Tear resistance	N	EN 12310-2	≥ 110	≥ 135	≥ 160	≥ 170
Tear resistance (LxT)	N	EN 12310-1	400x300	400x300	400x300	400x300
Joint peel resistance	N/50 mm	EN 12316-2	≥200	≥200	≥200	≥200
Joint shear resistance	N/50 mm	EN 12317-2	≥430	≥540	≥640	≥720
Foldability at low temperatures	ºC	EN 495-5	≤ - 25	≤ - 25	≤ - 25	≤ - 25
Root resistance	-	EN 13948	Pass	Pass	Pass	Pass
Artificial aging due to prolonged exposure to UV radiation high temperatures and water	Visual (1000h)	EN 1297	Pass	Pass	Pass	Pass
Dimension stability	%	EN 1107-2	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1
Water vapour transmission properties	µ	EN 1931	20000	20000	20000	20000

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