VINITEX MP SC

VINITEX MP SC is a PVC-P synthetic membrane reinforce with polyester mesh, with signal layer.

ADVANTAGES

- Resistant to wind stress
- Weatherproof and UV resistance.
- Good Ageing resistance.
- Highly puncturing resistance.
- Weathered resistance.
- Excellent mechanical properties.
- Easily Hot-air weldable, even several years after installation.
- Excellent flexibility at low temperatures.
- RAL colouring available on request for landscape or architectural purpose.

APPLICATION

VINITEX MP SC is used for exposed roof waterproofing, specially for mechanically fastened systems in flat or pitched roofs in new roof or re-roofing.

REGULATIONS

- Produced under European Standard EN 13956. Certificate CE nº 1085/CPR/0261.
- Manufactured by coextrusion or cast process in a plant certified ISO 9001 and ISO 14001.
- Product approved by FM (Factory mutual)

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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 required.
• 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

	Vinitex MP SC 1.5	Vinitex MP SC 1.5	Vinitex MP SC 1.5	Vinitex MP SC 1.8	Vinitex MP SC 1.8	Vinitex MP SC 1.8	Vinitex MP SC 2.0	Vinitex MP SC 2.0	Vinitex MP SC 2.0
Length (m)	20	20	20	20	20	20	20	20	20
Width coextrusion (m)	1.05	1.60	2.10	1.05	1.60	2.10	1.05	1.60	2.10
m2/roll	21	32	42	21	32	42	21	32	42
m2/pallet	588	736	588	588	736	588	588	576	588
Colour (Surface/underside)	Light grey / Dark grey	Light grey / Dark grey	Light grey / Dark grey	Light grey / Dark grey	Light grey / Dark grey	Light grey / Dark grey	Light grey / Dark grey	Light grey / Dark grey	Light grey / Dark grey

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

PROPERTIES	Unit	Test method	Vinitex MP SC 1.5	Vinitex MP SC 1.8	Vinitex MP SC 2.0
Thickness	mm	EN 1849-2	1.5	1.8	2.0
Mass per unit area	Kg/m2	EN 1849-2	1.8	2.15	2.4
Water tightness	-	EN 1928 (B)	Pass	Pass	Pass
Tensile strength to Break	N/5cm	EN 12311-2 (A)	≥ 1100	≥ 1100	≥ 1100
Elongation to Break	%	EN 12311-2 (A)	≥ 15	≥ 15	≥ 15
Impact resistance	mm	EN 12691 (A)	≥ 800	≥ 900	≥ 1250
Static puncture resistance	kg	EN 12730	≥ 20	≥ 20	≥ 20
Tear resistance	N	EN 12310-2	≥ 200	≥ 200	≥ 200
Joint peel resistance	N/50 mm	EN 12316-2	≥ 200	≥ 200	≥ 200
Joint shear resistance	N/50 mm	EN 12317-2	> 600	> 600	> 600
Foldability at low temperatures	ºC	EN 495-5	≤ - 25	≤ - 25	≤ - 25
Root resistance	-	EN 13948	Pass	Pass	Pass
Artificial aging due to prolonged exposure to UV radiation high temperatures and water	Visual (1000h)	EN 1297	Pass	Pass	Pass
Dimension stability	%	EN 1107-2	≤ 0.5	≤ 0.5	≤ 0.5
Water vapour transmission properties	µ	EN 1931	20000	20000	20000
Fire behavior*	class	EN 13501-5	B roof t2	B roof t2	B roof t2
Fire resistance	class	EN ISO 11925-2 EN13501-1	E	E	E

* classification valid only for the application of the membrane for systems as indicated by certification available on request.

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