

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)

Synthetic Waterproofing PVC

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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 |
| m ² /roll | 21 | 32 | 42 | 21 | 32 | 42 | 21 | 32 | 42 |
| m ² /pallet | 588 | 736 | 588 | 588 | 736 | 588 | 588 | 576 | 588 |
| Colour (Sur face/unders ide) | 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/m ² | 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 | °C | 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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