

## 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).

### Synthetic Waterproofing PVC

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.

## 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

| PROPERTIES   | 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/m <sup>2</sup> | 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/mm <sup>2</sup> | 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  | °C                | 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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