

VINITEX MP 1.2 & 1.5 (Grey)

PRODUCT

VINITEX MP 1.2 and 1.5 (Grey) is a flexible, synthetic polyvinyl chloride (PVC-P) waterproofing membrane, reinforced with polyester mesh and obtained by calendaring.

PROPERTIES

- Exposed membrane produced exclusively from virgin resins, which guarantee stable characteristics and great durability.
- Resistance against swelling, rotting and ageing.
- High level of watertightness, even under permanent deformation conditions.
- Great puncturing strength.
- Root-resistant according to DIN 4062 Part 1.
- Not resistant to asphalt, oils and tars, and incompatible with polyurethane- and polystyrene-type insulation, thus requiring a separating layer.
- Excellent stability against UV rays, allowing a 10-year guarantee for exposed applications, as from a minimum thickness of 1.2 mm.

PACKAGING AND STORAGE

VINITEX MP 1.2 & 1.5 (Grey)	
Type of reinforcement	Polyester mesh
Thickness (mm)	1.2 and 1.5
Dimensions (m)	20 x 1.6
m ² per roll	32
Rolls/pallet	20
Storage	Horizontal, parallel to each other (never criss-crossed)
The product is supplied in 3 colours: grey, anthracite and terracotta, and in rolls with cardboard mandrel. Store in its original packaging, in dry premises and protected against heat.	

USES

VINITEX MP 1.2 & 1.5 (Grey) are suitable for the waterproofing of roofs, in a semi-independent system using mechanical fastening.

INSTRUCTIONS FOR USE

- Bonding between membranes must be carried out by mechanically fastening the membrane to the substrate, following by hot air welding between the bottom and top membrane, thus obtaining an overlap with double the usual width to cover the mechanical fastening.
- Weldability and quality of the bonding are influenced by atmospheric conditions (temperature, humidity), welding conditions (temperature, speed, pressure, cleaning prior to application) and by the superficial conditions of the membrane (cleanliness, humidity). The machine must, therefore, be adjusted to obtain correct functioning.
- If the substrate is rough, a punctureproof geotextile mat must be installed prior to application.
- The membrane can be used on bituminous substrates, after first having installed a suitable geotextile mat to act as separating layer.

Legend: MP = Polyester mesh

TECHNICAL DATA

TECHNICAL CHARACTERISTICS	STANDARDS	UNITS	STANDARD VALUE	AVERAGE VALUES OF MANUFACTURER
Tensile strength	UNE-104302-4.3 UNE-EN-ISO 527	N/50mm	Lengthwise \geq 1000 Crosswise \geq 1000	Lengthwise \geq 1100 Crosswise \geq 1100
Elongation to break	UNE-104302-4.3 UNE-EN-ISO 527	%	Lengthwise \geq 15 Crosswise \geq 15	Lengthwise \geq 15 Crosswise \geq 15
Tear strength	UNE-104302-4.4	N	Lengthwise \geq 130 Crosswise \geq 130	Lengthwise \geq 150 Crosswise \geq 140
Bonding between layers	UNE-104302-4.5	N/50mm	Lengthwise \geq 130 Crosswise \geq 130	Lengthwise \geq 150 Crosswise \geq 140
Dynamic puncturing strength	UNE-104302-4.6	mm	\geq 500	\geq 700
Low temperature pliability	UNE-104302-4.7	$^{\circ}$ C	No cracks at -20° C	No cracks at -20° C
Dimensional stability (6 hours at 80° C)	UNE-104302-4.8	%	Lengthwise \leq 0.3 Crosswise \leq 0.3	Lengthwise \leq 0.3 Crosswise \leq 0.3
Thermal ageing: - Weight loss - Elongation loss	UNE-104302-4.9	%	Lengthwise \leq 1 Crosswise \leq 20	Lengthwise \leq 1 Crosswise \leq 10
Piercing resistance - Striker route before piercing	UNE-104302-4.10	N/mm	\geq 350	\geq 350
Accelerated artificial ageing: - Elongation loss	UNE-104302-4.11	%	\leq 10	\leq 10
Water vapour transmission resistance coefficient	UNE-104302-4.16	μ	\leq 30000	\leq 20000
Water behaviour - Absorption after 24 h - Absorption after 6 days - Extraction after 24 h - Extraction after 6 days	UNE-104302-4.12	%	\leq 2 \leq 4 \leq 0.2 \leq 0.3	\leq 1 \leq 2 \leq 0.2 \leq 0.3