

## TEXSELF 1,5

TEXSELF 1.5 is a self-adhesive, elastomeric mastic (SBS) waterproofing membrane, with a high mechanical performance polyethylene film finish on the upper side and an easily removable silicone film on the lower side.

### ADVANTAGES

TEXSELF 1.5 is a membrane, in which the upper side acts as both a reinforcement and non-stick film. It is a high density, very stable, cross-laminated polyethylene film, with great tear resistance and magnificent mechanical properties.

- Extremely simple application: applies quickly, cleanly, and without the need for additional tools.
- Easy adherence to the substrate after applying the asphalt primer.
- Overlaps are carried out by simple contact and pressure.
- No blowtorch needed; TEXSELF 1.5 application only requires a brush, cutter and rubber roller.
- Safe to install; minimal risk of fires because no flame is used.
- Flexible membrane that easily absorbs the movements of the roof.



### APPLICATION

- Waterproofing of underground walls
- Waterproofing of non-drinkable water tanks
- Details flashing in pitched roofs
- Reinforcement of waterproofing on pitched roofs subject to filtering as a result of rain and wind, or the accumulation of snow or ice on roofs, especially lowpitch roofs and on gables.
- It can be used as both a underlay or reinforcement layer for waterproofing systems with bituminous shingles.
- Capillarity barrier in partially buried walls to stop rising water
- As a vapour barrier in both conventional and deck roof systems.

### REGULATIONS

- In accordance with the EN 13859-1 and EN 13696 standards. Certified with CE marking No. 0099/CPD/A85/0087
- Certified with No. 12/4905 "Texsa Damp-Proof Membranes" from the BBA (British Board of Agreement).
- Quality System in accordance with ISO:9001

## Bituminous Waterproofing SBS

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## INSTALLATION

- **SUPPORT:** The surface where it will be applied must be free of dust, loose or poorly adhered materials, oily or non-stick residue and any soil in general. It may be applied on concrete, wood and fretwork sheet supports; an adherence test must be conducted on all other surfaces.
- **Primer:** For better adherence of the membrane, apply EMUFAL I to the support, allowing to dry completely, approximately 24 hours. For flat and cohesive surfaces: metal, plastic, solid wood surfaces, priming may not be necessary. We recommend conducting a test beforehand in order to verify adherence.
- Remove the non-stick silicone film from the lower side and apply the membrane to the previously primed surface.
- Press the membrane against the substrate with a brush, from the center toward the edges, in order to prevent bubbles from forming.
- The overlap will be 8 cm, and will be carried out by pressing firmly (once the silicone film is removed) on the upper membrane with a roller.
- TEXSELF 1.5 must not be applied when temperature is below 5°C. If cold, windy, or humid, heat lightly.
- TEXSELF 1.5 must not be exposed to the elements; the membrane must be protected from the sun. The wear rate when exposed depends on the specific application conditions.
- Installation and measurements will be conducted in accordance with regulations of the UNE 104401 standard.



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## PACKAGING AND STORAGE

	TEXSELF 1,5
Kg/m <sup>2</sup>	1,5 -0,1 +0,2
Length (m)	20
Width (m)	1
m <sup>2</sup> /roll	20
m <sup>2</sup> /pallet	460

Storage: Upright on pallet. Store in the original packaging in a dry and cool place, protected against weathering.

## TECHNICAL PROPERTIES

CHARACTERISTICS	Test Method	Unit	TEXSELF 1,5
External fire behaviour	ENV 1187	-	--
Fire reaction	EN 13501-1:2002 (EN ISO 11925-2)	-	E
Watertightness	EN 1928:2000 (B)	-	Pass (10 kPa)
Maximum tensile strength (L x T)	EN 12311-1	N/50 mm	270 ± 70 270 ± 70
Elongation (L x T)	EN 12311-1	%	250 ± 50 220± 50
Root penetration resistance	EN 13948	-	NE
Static load resistance	EN 12730 (A)	kg	≥ 5
Impact resistance	EN 12691:2006	mm	NPD
Tear strength (nail) (L x T)	EN 12310-1	N	180 x 140 ± 50
Joint peel resistance	EN 12316-1	N/50 mm	100 ± 50
Joint shear resistance (L x T)	EN 12317-1	N/50 mm	270 x 270 ± 70
Artificial ageing by long-term exposure to high temperature	EN 1296 12 sem/weeks	EN 1109 / 1110	NPD
Artificial ageing by long term exposure to the combination of UV radiation, high temperature and water	EN 1297	EN 1850-1	NPD
Flexibility at low temperature	EN 1109	°C	≤ -15
Hazardous substances	--	--	PND

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## OTHER FEATURES

OTHER CHARACTERISTICS	Test Method	Unit	Value
Visible defects	EN 1850-1	-	Pass
Straightness	EN 1848-1	-	Pass (<20 mm/10 m)
Compound per area unit	EN 1849-1	kg/m <sup>2</sup>	--
Thickness	EN 1849-1	mm	1,5 ± 0,2
Thickness in overlap	EN 1849-1	mm	-
Watertightness after stretching at low temperature	EN 13897	%	--
Dimensional stability	EN 1107-1	%	NE
Form stability under cyclic temperature change	EN 1108	mm	--
High temperature flow resistance	EN 1110	°C	≥ 80
Granule adhesion	EN 12039	%	NE
Water vapour transmission properties	EN 1931	μ	71800

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