

TEXSELF 1.5 is a self-adhesive, elastomeric SBS bitumen-based waterproofing membrane, with a high mechanical performance polyethylene film finish on the upper side and easily removable silicone film on the underside.

## STANDARD

Product designed according to UNE 104241 Standard as type LBA-15-PE.

## INDEPENDENT CERTIFICATES

TEXSELF 1.5 holds BBA (British Board of Agreement) Certificate n° 96/3287 “Texsa Damp-Proof Membranes”.

## PROPERTIES

- TEXSELF 1.5 is an unreinforced membrane, in which the upper finish acts as both reinforcement and non-stick film. It is a very stable, 100-micra high density cross-laminated polyethylene film, with great tear strength and magnificent mechanical properties. Properties of the membrane are:
  - Very easy to apply: the membrane is applied rapidly, cleanly and with no need for special tools.
  - Easy bonding to the substrate, after previously applying a fast-drying primer.
  - Overlaps are carried out by simple contact and pressure.
  - No torch is required; application of TEXSELF 1.5 only requires a brush, cutter and rubber roller.
  - Safety in application; minimum fire risk as no torching is used.
  - It is a flexible membrane that easily absorbs substrate movement.

## PACKAGING AND STORAGE

TEXSELF 1.5	
Type of reinforcement	Unreinforced
Thickness (mm)	1.5
Compound per m <sup>2</sup> (kg/ m <sup>2</sup> )	1.5
Dimensions (m)	20 x 1
m <sup>2</sup> / roll	20
rolls / pallet	23

TEXSELF 1.5	
Storage	Horizontal

Maximum storage time: 6 months , protected against weathering and high temperatures.

## USES

- Foundation waterproofing. The complete system consists in waterproofing with TEXSELF 1.5 and adding a DRENTEX drainage layer, which protects the membrane and acts as a filter and conduct for water.
- Waterproofing of walls.
- Waterproofing of wet areas: bathrooms, kitchens, etc.
- Capillarity barrier for partially buried walls, to stop rising water.
- Waterproofing of balconies.
- Waterproofing of pipes, tanks, irrigation ditches, etc.
- To reinforce waterproofing on pitched roofs subject to filtering as a result of rain and wind combined, or build-up of snow or ice on the roof.

## INSTRUCTIONS FOR USE

- Substrate preparation: The surface where TEXSELF 1.5 is to be applied must be free from dust, loose or badly adhered materials, remains of grease or antiadherent products and any dirt in general.
- Priming: An EMUFAL I-type water-based primer is applied on the substrate to improve adherence.
- Application of the membrane: Remove the non-stick silicone film from the underside and place the membrane on the previously primed surface. Press the membrane against the substrate with a brush, starting at the centre and going towards the edges to prevent the formation of bubbles. Overlaps must have a width of 7 cm and are carried out by strongly pressing down with a rubber roller on the top membrane (once the silicone plastic has been removed)

TEXSELF 1.5 must not be applied below 5°C. Depending on temperature, wind, humidity, etc., the product could require preheating.

TEXSELF 1.5 must not be permanently exposed to weathering. The membrane must be protected against the action of the sun.

## SUBSTRATE

**Priming**

Smooth substrates, with good superficial cohesion

Emufal I / Texself Primer

Masonry substrates: concrete/mortar

Texself Primer

Very smooth and cohesive surfaces:

metal, plastic, solid wood surfaces

No primer\* / Texself Primer

(\*) Test previously to confirm bonding.

**TECHNICAL DATA**

**Membrane**

Pliability (UNE-EN 1109) Does not break with bending at -20°C

Elongation (UNE-EN 12311-1) Lengthwise 200% Crosswise 200%

Heat resistance (UNE-EN 1110) Does not drip or sag at 90oC

Tensile strength (UNE-EN 12311-1) Lengthwise 250 N/5 cm Crosswise 250 N/5 cm

Static puncturing (UNE-EN 12730 Method B) Classification L-2 (from 7 to 15 Kg)

Water vapour permeability (BS 3177) 0.33 g/m<sup>2</sup>/day

Water vapour resistance (BS 3177) 622 MNs/g

Overlap strength (UNE-EN 12317-1) 240 N

Peel strength (ASTM D-1000) (UNE-EN 12316) 4 N/mm

Thickness 1.5 mm

**Compound**

Softening point (UNE-EN 1427) 110°C

Penetration at 25°C (UNE-EN 1426) 70 dmm

**AUXILIARY PRODUCTS**

PRODUCT	APPLICATION	APPROX. COVER-AGE RATE	PACKAGING
TEXSELF PRIMER	Primer and substrate preparation	150-350 g/m <sup>2</sup>	Boxes with 12x0.75-Kg tins 25-Kg drum

PRODUCT	APPLICATION	APPROX. COVER- AGE RATE	PACKAGING
EMUFAL I	Bituminous emul- sion used as sub- strate primer	0.3 Kg/m <sup>2</sup>	9-Kg drum 24-Kg drum

**Disclaimer:**

The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However the client is obliged to determine himself what products are suitable for use. Accordingly, no liability will be accepted by IBC Ltd.