

TEXSELF PE 2 & 3 mm

TEXSELF PE is a self-adhesive, elastomeric SBS bitumen-based waterproofing membrane, with polyethylene film (PE) reinforcement, an easily removable silicone film on the underside and thermofusible film on the upper side.

INDEPENDENT CERTIFICATES

TEXSELF PE holds BBA (British Board of Agrément) Certificate nº 96/3287 "Texsa Damp-Proof Membranes".

PROPERTIES

* The polyethylene film reinforcement (PE 95 g/m²) confers the following features to the membrane:

- A reinforcement which is, in itself, waterproof.
- Any aggression on the surface of the membrane will only affect one of the bitumen layers. The reinforcement acts as a seamless barrier to maintain waterproofness.
- Magnificent mechanical properties, especially high elongation capacity, which gives the membrane great movement absorption capacity.
- Easy to adapt to the most difficult substrates (with a lot of corners, drains and details), thanks to the great adaptability of the polyethylene film reinforcement.

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 PE 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 PE 2 mm	TEXSELF PE 3 mm
Type of reinforcement	PE 95	PE 95
Thickness (mm)	2	3
Weight per m ² (kg/m ²)	2	3
Dimensions (m)	15 x 1	12 x 1
m ² / roll	15	12
rolls / pallet	23	23
Storage	Horizontal	Horizontal

Maximum storage time: 6 months, protected against weathering.

USES

- Foundation waterproofing. The complete system consists in waterproofing with TEXSELF PE 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.

INSTRUCTIONS FOR USE

- **Substrate preparation:** The surface where TEXSELF PE is to be applied must be firm, flat, resistant and dry, as well as free from grease, oil, dust, etc. Sharp corners and objects must be avoided.

- **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 PE must not be applied below 7°C. Depending on temperature, wind, humidity, etc., the product could require preheating.

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

TECHNICAL DATA

Membrane

Pliability (UNE-EN 1109)	Does not break with bending at -20°C
Elongation (UNE-EN 12311-1)	Lengthwise 800% Crosswise 800%
Heat resistance (UNE-EN 1110)	Does not drip or sag at 90°C
Tensile strength (UNE-EN 12311-1)	Lengthwise 170 N/5 cm Crosswise 160 N/5 cm
Static puncturing (UNE-EN 12730 Method B)	Classification L-2 (from 7 to 15 Kg)
Peel strength (ASTM D-1000) (UNE-EN 12316)	3 N/mm
Dimensional stability (UNE-EN 1107-1)	Lengthwise < 2.5% Crosswise < 2.5%
Water vapour permeability (BS 3177)	0.29 g/m ² /day
Water vapour resistance (BS 3177)	708 MNs/g

Compound

Softening point (UNE-EN 1427) (ASTM D-36)	110°C
Penetration at 25°C (UNE-EN 1426)	70 dmm

AUXILIARY PRODUCTS

PRODUCT	APPLICATION	APPROX. COVERAGE RATE		PACKAGING
TEXSELF PRIMER preparati	Primer and substrate on	150-350 g/m ²	Bo	x with 12x0.75-kg tins 25-Kg drum
EMUFAL I	Bituminous emulsion used as substrate primer	300 g/m ²	9-K	g drum 24-Kg drum