

Texal FPS 2.4mm

APP Basesheet

Torch On Waterproofing Membrane

Purpose:

Texal FPS 2.4mm is an APP plastomeric bitumen-based waterproofing membrane, with a high softening point, high grammage polyester felt (FP) reinforcement, and finished on both sides with a thermofusible film..

Properties:

Texal FPS 2.4mm is manufactured with an APP plastomeric compound, which confers the following properties to the membrane.

- ◆ Great toughness
- ◆ Good low temperature pliability
- ◆ Great resistance against atmospheric agents and a maximum guarantee of durability
- ◆ High softening point; it is a "hard" membrane, with high temperature resistance and easy application even in hot weather.
- ◆ The 180-g/m² punched and stable non-woven polyester felt (FP) reinforcement confers the best mechanical properties to the membrane.
- ◆ High tensile strength
- ◆ Maximum puncturing strength (static and dynamic)
- ◆ Great tear strength
- ◆ Good dimensional stability

Packaging and storage:

Type of reinforcement	180-gm ² polyester mat
Kg/m ²	3
Dimensions (m)	12 x 1
m ² /roll	12
Rolls/pallet	25
Storage	Vertical

Maximum storage time: 1 year, protected against weathering.

Instructions for use:

Texal FPS 2.4mm is applied as the basesheet in a 2-layer system on non-trafficable roofs and roofs allowing foot traffic, with a pitch of between 1% and 15%. It is specially recommended for applications where a stable membrane and good mechanical properties: high tensile and puncturing strengths, is required.

The membrane must be applied fully bonded. Prior to adhering the membrane to the substrate, the latter must be primed with either **Pibial**.

Once dry the membrane is torched on. Overlaps are torch-bonded, with minimum 8-cm width.

Surface Preparation:

The surface receiving the membrane must be dry, firm, even, clean and free from loose materials, and should be primed correctly with **Pibial** bitumen primer.

Technical Data:

Membrane	
Tensile Strength: (UNE-EN 12311-1)	Lengthwise 900 N/5 cm Crosswise 610 N/5 cm
Elongation: (UNE-EN 12311-1)	Lengthwise 55% Crosswise 55%
Heat Resistance (flow): (UNE-EN 1110)	Does not drip or sag at 120°C
Dimensional stability: (UNE-EN 1107-1)	Lengthwise 0.5% Crosswise 0.5%
Pliability: (UNE-EN 1109)	Does not break with bending at -10°C
Static puncturing: (UNE-EN 12736 Method B)	Classification L-4 (>25kg)
Nail tearing strength: (UNE-EN 12310-1)	Lengthwise 220 N Crosswise 250
Thickness (UNE-EN 1849-1)	2.4 mm

Compound	
Softening point: (UNE-EN 1427)	150°C
Penetration at 25°C: (UNE-EN 1426)	25 dmm
Penetration at 60°C: (UNE-EN 1426)	80 dmm

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