

Texal FPS 3 mm

Buried

Torch On Waterproofing Membrane

Purpose:

Texal FPS 3mm 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 3mm 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 | 3.8 |
| Dimensions (m) | 10 x 1 |
| m ² /roll | 10 |
| Rolls/pallet | 25 |
| Storage | Vertical |

Maximum storage time: 1 year, protected against weathering.

Instructions for use:

Texal FPS 3mm can be applied as a tanking membrane in one or two layers or as the basesheet for 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 can be applied either fully bonded, partially adhered or loose-laid. Prior to adhering the membrane to the substrate, the latter must be primed with **Pibial**. Once dry the membrane is torched on. Overlaps are torch-bonded, with minimum 8-cm width.

Service:

The surface receiving the membrane must be dry, firm, even, clean and free from loose materials, and, except when the membrane is looselaid shall be correctly primed 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) | 3mm |

| 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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