

PRODUCT TECHNICAL INFORMATION

ITA / ATEXP / 062

Revision 9 du 27/07/07

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FEL'X (en 1m.)

DESCRIPTION AND SCOPE OF APPLICATION

Flexible and impermeable bitumen roof tile underlay reinforced with a high performance non-woven synthetic mat. It is light and tear resistant. Two guide lines on upperface make easy application.

This product is for use as underlays in tiled or slated, ventilated pitch roofs. It is for protection of lofts and roof timbers from risk of damage from water and the penetration of powder snow, soot and dust. It must be nailed directly to the rafters (it doesn't work on plywoods).

COMPOSITION AND NOMINAL CHARACTERISTICS

- . Main surface : talc
- . Blend : Fillerized SBS elastomeric bitumen
- . Reinforcement : nonwoven polypropylene
- . Underface : talc
- . Thickness at the main area (mm) : 0,6
- . Weight/Sqm (kg) : 0,5 (± 5%)
- . Weight/roll (kg) : 26 (± 5%)

AVERAGE VALUES OF MECHANICAL CHARACTERISTICS

- . Tensile strength at break (EN 12311-1) (N/5cm) : 335 x 310
- . Elongation at break (EN 12311-1) (%) : 50 x 58
- . Nail tearing resistance (EN 12310-1) (N) : 320 x 340
- . Watertightness (EN 13859-1) : W1
- . Fire resistance (EN 13501-1) : E

PACKAGING

- . This product is packaged in rolls set up vertically on pallet or wooden box.
- . It must be stored vertically under shelter, away from heat sources.
- . It is not classified as dangerous according to the International Regulation. (ADR, RID IATA and RTMDR). Customs tariff number : 680710100000A
- . Nominal length and width (mxm) : 50 x 1
- . Rolls quantity per truck pallet : 28
- . Rolls quantity per container pallet : 30
- . Rolls quantity per wooden box : 28

ISO 9001 REFERENCE DOCUMENT

. Our company has been awarded the ISO 9001 certificate for all its establishments in France.

. The french product technical data sheet is the ISO 9001 reference document.



Siplast SA certified ISO 9001

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GENERALITIES ABOUT APPLICATION

Overlaps :

. The longitudinal overlap is 0,10m minimum width when roof slope > 30% and a colored guide line makes easy laying. When roof slope is < 30%, then overlap increases to 0,20m minimum width.

Application:

. This product is unrolled parallel to the gutter and covers the metal apron. The laying start from the gutter to the ridge with a overlap of 0,10m or 0,20m according to the slope of the roof. The product is slightly stretched and fixed with nails with large head. The battens are raised through the use of counter battens to provide a minimum 20mm space for ventilation between the batten and the product. When insulation is installed, a minimum 20mm space for ventilation must be leave between the upperface of the insulation and the product. A ventilation space of 2 cm between the ridge and the product must be leave and the ventilation of the roof must be efficient according to the relevant technical document.

Slope :

. The product must be unrolled parallel to the gutter. Laying starts from eave to ridge.
. The minimum slope is defined by the relevant technical document.

NOTE

- 1) Where 2 values for given characteristics are shown, the first is for the longitudinal direction and the second is for the cross direction.
- 2) The manufacturing tolerances conform to UEAtc standards. However some slight variations can be noticed as the indicated values may be based on the average values obtained from several production units.
- 3) The information about purpose and methods of application of the product does not prevail against local regulations and practices. In case of doubt, do not hesitate to contact the Siplast's Technical Department.
- 4) Siplast reserves the right to modify its composition as a result of technics and experiments improvements. This product data sheet supersedes the previous edition, to obtain the last up dated technical data sheet, please contact the Siplast's Technical Department.
- 5) This document is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact the Siplast's Technical Department.