

Material Application

Highly vapour-permeable, three-layer roof membrane made of a layer of microporous functional film protected on both sides with a polypropylene vlies. The film layer provides resistance to water penetration and regulates the water vapour flow through the roof system.

Application

- On roofs with full deck or purlins
- Initial underlay for thermally insulated, ventilated, sloping roofs
- For most types of roof coverage, and in particular for concrete tiles and sheet tiles

Features & Benefits

- Improves the efficiency of thermal insulation
- Reduces energy consumption
- Regulates the flow of water vapour
- Reduces CO2 emissions to the atmosphere
- Resistant to high and low temperatures
- Resistant to mechanical damages.

Technical characteristics

| | |
|---------------------------------|----------------------------------|
| Material | Polypropylene |
| Composition | 3 |
| Weight | 140 g/m ² (+10%) |
| Width | 1,5 m / 1 m |
| Length | 50 m |
| Reaction to fire | Class E |
| Resistance to water penetration | Class W1 |
| Water vapour resistance (Sd) | 0,02 m (-0,01/+0.03) |
| Tensile strength long MD | 350 N/50 mm |
| Tensile strength across CD | 230 N/50 mm |
| Elongation along MD | 65 % |
| Elongation across CD | 80 % |
| Tear resistance along MD | 180 N |
| Tear resistance across CD | 250 N |
| Flexibility at low temperature | -40°C |
| Alignment | Requirements met |
| Stability of dimensions | <2 % |
| Resistance to UV | 3 months |
| Temperature resistance | -40°C to +80°C |
| Meet the requirements | EN 13859-1:2010, EN 13859-2:2010 |



Color



Blue

Packaging

Roll 1,5/1 m x 50 m

Storage

Store rolls horizontally on the pallet or standing on the end after being opened, in a dry, protected from direct sunlight area. Protect material from direct sunlight and inclement weather until ready for use. Keep away from chemical substances, in particular those based on solvents.

Warranty

All the claims will be considered with respect to application recommendations issued by Onduline company.

Installation

Special conditions of installation are required. Refer to the installation guide.

This TDS was made based on currently available information. Product was made in accordance with above mentioned parameters but producer/distributor can't anticipate any future change as well as change of regulations. It is the consumer's responsibility to use the product in accordance to producer/ distributor recommendations and his needs. All the claims will be considered with respect to application recommendations issued by Onduline company.

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