

PRODUCT DESCRIPTION

Highly vapor permeable, three-layer roofing membrane made of a layer of micro porous functional film protected on both sides with a polypropylene non-woven fabric. The layer of the film provides resistance to water soaking and regulates the water vapor flow through the roofing system.

APPLICATION

- on roofs with incomplete and complete boarding
- initial covering of inclined roofs, insulated, ventilated
- Thermo-reflective roof and wall membrane under most types of roof coverings, in particular under concrete roofing tiles and metal roofing tiles
- as wind insulation in the siding method

ADVANTAGES

- resistant to high and low temperatures
- improves the effectiveness of thermal insulation
- regulates water vapor flow
- resistant to mechanical damage
- 3 months UV resistance

CHARACTERISTICS

Material	polypropylene
Number of layers	3
Weight	170 g/m ² ± 14 %
Colour	grey
Width	1,5 m
Length	50 m
Reaction to fire	klass E*
Resistance to water penetration	klass W1
Water vapor resistance (Sd)	0,03 m (-0,01/+0,03)
Tensile strenght along MD	280 N/50 mm (± 30%)
Tensile strenght across CD	170 N/50 mm (± 30%)
Elongation along MD	50% (± 50%)
Elongation across CD	80% (± 50%)
Tear resistance along MD	180 N (± 30%)
Tear resistance across CD	300 N (± 30%)
Flexibility at low temperature	-40 °C
Alignment	requirements met
Stability of dimensions	< 2%
Temperature resistance	-40 to +80 °C
Meet the requirements: EN 13859-1:2010, EN 13859-2:2010	

* Product attached directly to any sleepers with flammability class A1 or A2-s1, d0 (e.g. mineral wool) and to wooden sleepers with a minimum density of 338 kg/m³ (Article 5.3.2.3, EN 13238)

PACKAGING

Rolls/square per pallet (rol/m²): 33/2700
Pallet dimension: length × width × height (m): 1,2x1,0x1,65 m

STORAGE

The rolls should be stored in an upright position under cover, ventilated, free from moisture place. Protect from chemical detergents, high temperatures and sunlight, as they are diminishing technical parameters of the material or cause permanent damage. The rolls must be transported in covered means of transport, protected from damage.

INSTALLATION INSTRUCTIONS

Unroll the membrane parallel to the hood, inscriptions upwards. The membrane shall be slightly tightened and attached to the rafter with wide head nails (clout nails) or staples. Nail the counter-laths in such a way as to cover the membrane's puncture points with staples or clout nails. In order to seal the membrane it is recommended (for roofs with pitches below 25° it is required) to apply **Corotop //Pur®** tape on the pressure side of the membrane before installing the counter-battens. The height of the counter-battens should be selected according to DIN 4108-3:1996. The next membrane strips are to be installed with a suitable overlap, according to the imprint on the membrane. To ensure the tightness of the roof, it is recommended (for roofs with pitches below 20° it is required) to glue the membrane to the overlaps with **Corotop //Mix®** tape.

Remarks: Once the membrane has been installed on the roof, the primary covering must be installed immediately. The membranes shall be protected against UV radiation, also from the attic. Roof membranes might be laid in direct contact with thermal insulation.

The information contained in this data sheet, particularly recommendations regarding the manner and conditions of application as well as the scope of use of the product, have been developed based on our experience, our best knowledge and in good faith. Apart from the information given in this data sheet, health and safety regulations, etc. must be observed. This technical data sheet supersedes all previous versions applicable to this product.