Technical data sheet

Corotop Light

Roof underlayment

Highly vapour-permeable, three-layer roof membrane of functional film secured from both sides with polypropylene vlieses. The functional film provides resistance to water penetration and regulates vapour permeability balance in a roof system. Applied only on partly-boarded roofs.



Advantages

- ✓ protects thermal insulation against moisture
- ✓ minimises heat loss
- ✓ element of the building's gas tightness system
- ✓ has an EPD environmental declaration

Application

- ✓ on roofs with partial-boarding
- ✓ as initial covering of sloped, insulated, ventilated roofs
- ✓ to be used to most types of roof coverage, particularly under concrete tiles
- ✓ as the wind- barrier in a siding method

High resistance to water penetration

High vapour permeability

Three layer construction

Energy saving

Conformité Européenne

Environmental Product Declaration

Characteristics

Material	polypropylene
Number of layers	3
Mass per unit area	100 g/m² ±10%
Colour	grey, natural
Width	1,5 m
Length	50 m
Reaction on fire	class E*
Resistance to water penetration	class W1
Resistance to water penetration after artificial aging	class W1
Water vapor diffusion (Sd)	0,02 m (-0,01/+0,03)
UV resistance	max. 3mo**
Tensile strength (along)	250 N/50 mm (±30%)
Tensile strength (across)	150 N/50 mm (±30%)
Elongation (along)	70 % (±30%)
Elongation (across)	110 % (±30%)
Tear resistance (along)	100 N (±20%)
Tear resistance (across)	125 N (±20%)

Resistance to artificial aging associated with mechanical properties:	
Tensile strength (along)	200 N/50 mm (±20%)
Tensile strength (across)	110 N/50 mm (±20%)
Elongation (along)	50 % (±20%)
Elongation (across)	90 % (±20%)
Flexibility at low temperature	≥-40°C
Alignment	meets the requirement
Stability of dimensions	< 2%
Temperature resistance	od -40°C do +80°C

Meet the requirements: EN 13859-1:2010, EN 13859-2:2010

* The product is attached directly to any underlays with the A1 or A2-s1, d0 flammability classes (e.g. mineral wool) and to wood substrates with a minimum density of 338 kg/m^3 (Article 5.3.2.3, EN 13238)

**refers to the annual average insolation in a central European climate; as the periodic insolation increases, the duration of maximum exposure to UV radiation decreases proportionally

Installation

SCAN FOR TECHNICAL GUIDELINES

Packaging

Quantity per pallet (rolls/m^2):	35/2625
Pallet dimensions: length × width × heigh (m):	1,20 x 0,80 x 1,60

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.



The information contained in this technical data sheet, in particular the recommendations on how and under conditions of application and the scope of application and use of the product, has been developed on the basis of our professional experience, our best knowledge and in good faith. This technical data sheet defines the scope of application of the material and the recommended method of carrying out works, but it cannot replace the professional training of the contractor. In addition to the information provided in this technical data sheet, the rules of construction practice, the national and European standards in question, approval documents, health and safety regulations, etc., must be observed. This technical data sheet supersedes all previous versions applicable to this product.