

Corotop Red Strong



Roof underlayment

BESTSELLER

High vapour-permeable, three-layer roof membrane made of a functional film protected on both sides with polypropylene non-woven fabric. It provides resistance to water penetration and regulates the flow of water vapour through the roof system. Available with 40 mm wide adhesive strips.

Advantages

- ✓ high mechanical strength
- ✓ protects the thermal insulation against moisture
- ✓ is part of the building's air-tightness system
- ✓ EPD certified

Application

- ✓ on roofs with full or part-boarding
- ✓ as an initial covering of sloping, insulated and ventilated roofs
- ✓ for most types of roofing, in particular concrete tiles and steel roofing tiles
- ✓ as air barrier in the 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	180 g/m ² ±10%
Colour	red, anthracite
Width	1,5 m
Length	50 m
Reaction to 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/+0,04)
UV resistance	max. 3mo**
Tensile strength (along)	450 N/50 mm (±30%)
Tensile strength (across)	300 N/50 mm (±30%)
Elongation (along)	65 % (±30%)
Elongation (across)	130 % (±30%)
Tear resistance MD (along)	250 N (±20%)
Tear resistance CD (across)	350 N (±20%)

Resistance to artificial aging associated with mechanical properties:

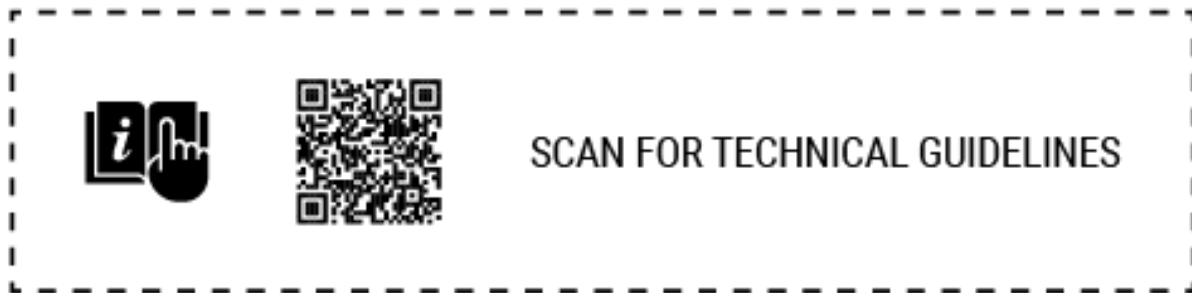
Tensile strength (along)	375 N/50 mm (±20%)
Tensile strength (across)	250 N/50 mm (±20%)
Elongation (along)	40 % (±20%)
Elongation (across)	85 % (±20%)
Flexibility at low temperature	≥-40°C
Alignment	meet the requirements
Stability of dimensions	< 2%
Temperature resistance	-40°C to +80°C

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/m³ (Article 5.3.2.3, EN 13238).

** Refers to the annual average insolation; as the periodic insolation increases, the duration of maximum exposure to UV radiation decreases proportionally.

Installation



Packaging

Quantity per pallet (rolls/m²): 20/1500

Pallet dimensions: length x width x height (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.

ROOF MEMBRANE // SYSTEM

TIGHTNESS IS IN THE DETAILS



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.