

Corotop Extra Protect

Corotop®
MORE THAN RESISTANCE

Roof underlayment

Highly vapour-permeable, four-layer roof membrane made of functional film protected on both sides with polypropylene non-woven fabric and mesh reinforcement. The product is highly resistant not only to mechanical damages, but also unfavourable weather conditions including UV-rays and high temperatures.

Advantages

- ✓ protects the thermal insulation against moisture
- ✓ high resistance to influence of weather conditions
- ✓ resistant to ageing processes
- ✓ minimises heat loss
- ✓ reduces CO₂ emissions to the atmosphere

Application

- ✓ on roofs with full or part-boarding
- ✓ as initial covering of sloped, insulated, ventilated roofs
- ✓ for most types of roofing, in particular concrete tiles and steel roofing tiles



High resistance to water penetration



High vapour permeability



Four layer construction



Energy saving



Conformité Européenne

Characteristics

Material	polypropylene, polyethylene
Number of layers	4
Mass per unit area	165 g/m ² ±10%
Colour	blue, anthracite
Width	1,5 m
Length	50 m
Reaction on fire	class E*
Resistance to water penetration	class W1
Water vapor diffusion (Sd)	0,07 m
UV resistance	max. 3mo*
Tensile strength (along)	490 N/50 mm
Tensile strength (across)	300 N/50 mm
Elongation (along)	15 %
Elongation (across)	20 %

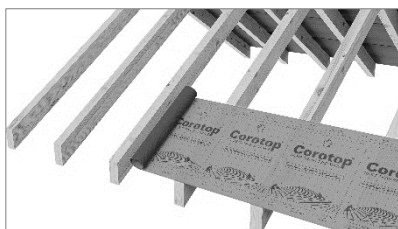
Tear resistance MD (along)	200 N
Tear resistance CD (across)	250 N
Flexibility at low temperature	≥-40°C
Alignment	requirement met
Stability of dimensions	< 2%
Temperature resistance	-40 to +80°C

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

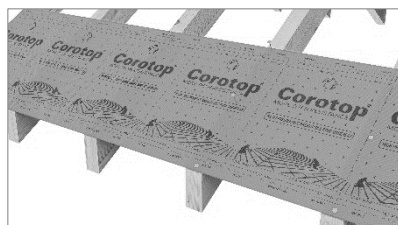
* The product is attached directly to any underlays with the A1 or A2-s1, d0 flammability classes (e.g. mineral wool) and to wood substrates with a minimum density of 338 kg/m³ (Article 5.3.2.3, EN 13238)

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

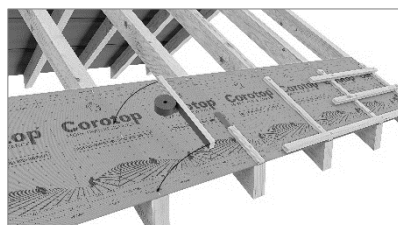
Installation



1. Unfold the membrane parallel to the eaves with the inscriptions upwards.

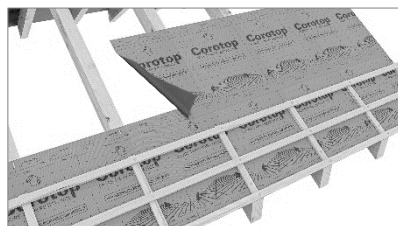


2. Tension the membrane lightly and fix to the rafter with staples or wide head nails (roofing nails).

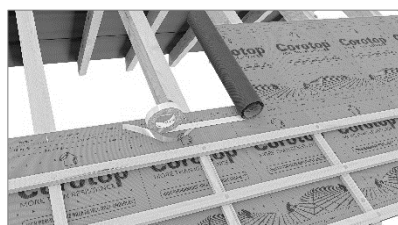


3. Nail the counter-battens in such a way as to cover the points of the membrane punctured with staples or roofing nails. In order to seal the membrane, it is recommended (in case of roofs with pitches below 20° it is required) to apply sealing tape (e.g. Corotop Pur) on the pressure side of the membrane before installing a counter-batten.

The height of counter-battens must be selected according to DIN 4108-3:1996.



4. Further membrane strips should be installed with a suitable overlap, according to the imprint on the membrane.



5. In order to eliminate draughts in the roof baffle, it is recommended (in case of roofs with pitches below 20° it is required) to bond the membrane overlaps with with the double-sided tape (e.g. Corotop Mix) or the adhesive strips integrated in the membrane and glued one to another (PLUS version).

Packaging

Rolls/square per pallet (rol/m²): 20/1500

Pallet dimension: length × width × 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.

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.