

Corotop Light

Corotop
MORE THAN RESISTANCE

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 damping
- ✓ minimises heat loss
- ✓ reduces energy consumption
- ✓ reduces CO₂ emissions to the atmosphere

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



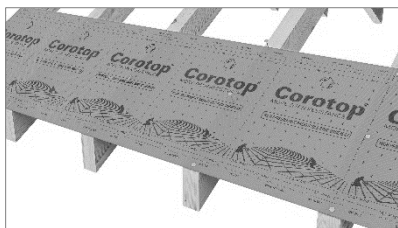
Conformité Européenne

Characteristics

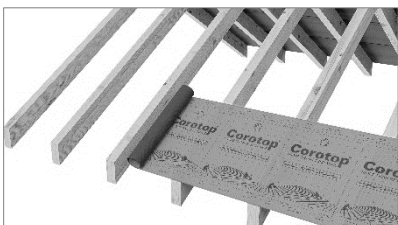
Material	polypropylene		
Number of layers	3	Resistance to artificial aging associated with mechanical properties:	
Mass per unit area	100 g/m ² ±10%	Tensile strength (along)	200 N / 50 mm
Colour	grey, white	Tensile strength (across)	145 N / 50 mm
Width	1,5 m	Elongation (along)	50 %
Length	50 m	Elongation (across)	105 %
Reaction on fire	class E	Flexibility at low temperature	≥-40°C
Resistance to water penetration	class W1	Alignment	requirements met
Resistance to water penetration after artificial aging	class W1	Stability of dimensions	< 2%
Water vapor diffusion (Sd)	0,02 m	Temperature resistance	-40 to +80°C
Tensile strength (along)	250 N / 50 mm		
Tensile strength (across)	150 N / 50 mm		
Elongation (along)	70 %		
Elongation (across)	130 %		
Tear resistance MD (along)	120 N		
Tear resistance CD (across)	160 N		

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

Installation



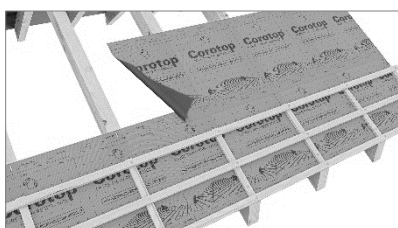
1. Unfold the membrane parallel to the eaves with the inscriptions upwards.



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 Corotop Pur tape 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 the Corotop Mix tape.

Packaging

Rolls/square per pallet (rol/m ²):	35/ 2625
Pallet dimension: 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.

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.