

# Corotop Mono

**Corotop**  
MORE THAN RESISTANCE

## Roof membrane

Roof membrane composed of two layers of high-grammature nonwoven polyester with polyurethane film layer, produced in „hot melt” process. It stands out by extremely high resistance to mechanical damages. Possibility of apply starting from 2° sloping. Available with 40 mm wide adhesive strips.



## Advantages

- ✓ highly resistant to UV radiation
- ✓ high grammature guarantee the highest load resistance
- ✓ minimises heat loss
- ✓ protects thermoinsulation against damping

## Application

- ✓ on roofs with complete boarding
- ✓ initial covering of inclined roofs, insulated, ventilated
- ✓ under most types of roof coverings, in particular under concrete



High resistance to water penetration



High vapour permeability



Three layer construction



Energy saving



Conformité Européenne

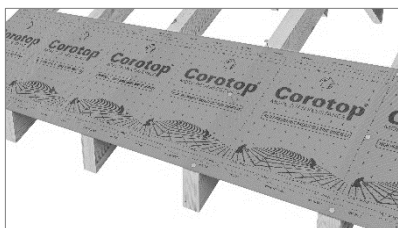
## Characteristics

Material	polyester, thermoplastic polyurethane elastomer
Number of layers	3
Mass per unit area	330 g/m <sup>2</sup> ± 12 %
Colour	anthracite
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)	0,15 m
Tensile strength (along)	550 N / 50 mm
Tensile strength (across)	350 N / 50 mm
Elongation (along)	30 %
Elongation (across)	50 %

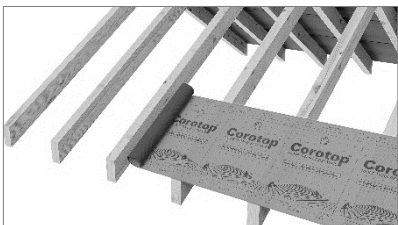
Tear resistance MD (along)	250 N
Tear resistance CD (across)	250 N
Resistance to artificial aging associated with mechanical properties:	
Tensile strength (along)	400 N/ 50 mm
Tensile strength (across)	300 N/ 50 mm
Elongation (along)	20 %
Elongation (across)	40 %
Flexibility at low temperature	≥ -40°C
Alignment	requirements met
Stability of dimensions	< 2%
Temperature resistance	-40 to +80°C

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

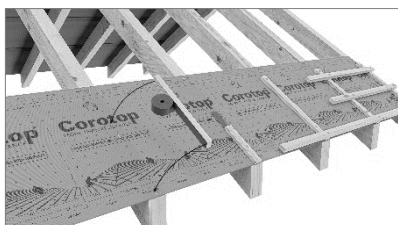
## Installation



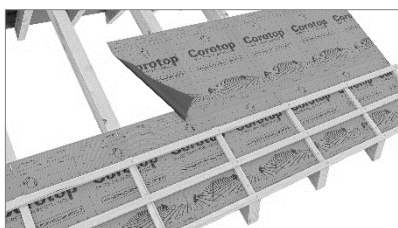
1. Unfold the membrane parallel to the eaves with the inscriptions upwards.



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 <sup>2</sup> ):	15/ 562,5
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.