



Corotop Metallic

Vapour Control Membrane

A two-layer vapour control membrane based on polypropylene nonwoven with a layer of aluminium screen. Product resistant to mechanical damage. A product which actively provides vapour control for use as a vapour permeation regulator. It also saves energy by reflecting and retaining some of the energy that is transmitted in the form of infrared radiation.

Advantages

- ✓ reflective coating reduces heat loss
- ✓ actively regulates the water vapour level in the room
- ✓ protects the thermal insulation against the harmful effects of water and moisture
- ✓ helps maintain a healthy and fresh climate in the attic

Application

- ✓ for attics, walls and ceilings



double layer construction



energy saving



Conformité Européenne

Parameters

Material	polypropylene, aluminium
Number of layers	2
Mass per unit area	80 g/m ² ±8%
Colour	beige, silver
Roll width	1.5 m
Roll length	50 m
Reaction-to-fire performance	class E
Resistance to water penetration	meets the requirements of
Impact resistance	≤ 800 mm
Diffusion resistance factor (Sd)	40 m

Lengthwise tensile strength	≥ 185 N / 50 mm
Crosswise tensile strength	≥ 140 N / 50 mm
Lengthwise elongation	≥ 50 %
Crosswise elongation	≥ 10 %
Lengthwise tear resistance	≥44 N
Crosswise tear resistance	≥60 N
Straightness	meets the requirements
Dimensional stability	< 2%

Meets the standard: EN 13984:2013

Installation tips



1. Fix the vapour control layer strips horizontally (preferably from top to bottom) or vertically with inscriptions on the inside with pre-installed double-sided tape (e.g. Corotop MIX) or, if the situation requires it (e.g. timber frame), with a stapler. Cover the places where the vapour control layer is perforated by staples with adhesive tape (e.g. Corotop FIX).



2. Further vapour control layer strips should be installed with a suitable overlap, which is printed on the membrane and bonded with single-sided (e.g. Corotop FIX) or double-sided tape (e.g. Corotop MIX).



3. The places where the vapour control layer connects to the wall should be sealed with special adhesive or butyl tape (e.g. Corotop BUTYL). It is recommended to use an additional hold down strip and to leave about 2 cm of excess foil (folds).



4. Seal all places where service lines pass through the vapour control layer (e.g. electrical cables, pipes, etc.) thoroughly with special adhesive or adhesive tape (e.g. Corotop FIX, Corotop BUTYL).

Packing

Quantity per pallet (rolls/m²): 40/ 3000

Pallet dimensions: L x W x H (m): 1.20 x 0.80 x 1.60

Storage

Store the product in an upright position, in covered, airy rooms, away from active heating devices. Protect against chemicals and UV rays, due to the possibility of lowering technical parameters or permanent damage to the product. The rolls should be transported in covered transport means, secured against movement.