

# Corotop Variant



Vapour control membrane with variable vapour permeability

"Intelligent" vapour barrier, which adjusts the amount of water vapour flow to the moisture content between the structural partition and the interior of rooms. It ensures keeping the insulation material and the building structure dry. Product consists of polyester non-woven fabric and polyamide, active functional film.

## Advantages

- ✓ "intelligent" vapour barrier
- ✓ ensures durability of the roof structure and thermal insulation
- ✓ the range of variation of the diffusion resistance
- ✓ helps to sustain healthy and fresh climate at the attic

## Application

- ✓ to attics, walls and ceilings
- ✓ in rooms with increased humidity
- ✓ for the renovation of damaged roofs



double layer construction



energy saving



Conformité Européenne

## Parameters

Material	polyester, polyamide	Crosswise tensile strength	120 N / 50 mm
Number of layers	2	Lengthwise elongation	25 %
Mass per unit area	90 g/m <sup>2</sup> ±13 %	Crosswise elongation	40 %
Colour	white	Lengthwise tear resistance	35 N
Roll width	1,5 m	Crosswise tear resistance	65 N
Roll length	50 m	Straightness	meets the requirements
Reaction-to-fire performance	class E	Dimensional stability	< 2%
Resistance to water penetration	meets the requirements of		
Impact resistance	≥ 800 mm		
Diffusion resistance factor (Sd)	0,15-24 m		
Lengthwise tensile strength	270 N / 50 mm		

Meet 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/m <sup>2</sup> ):	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.