

Corotop Active Control



Vapour Control Membrane

A two-layer vapour control membrane based on polypropylene non-woven fabric. Active vapour-barrier product to be used as a steam penetration regulator. It resists water vapour, preventing excess water vapour from accumulating between the G-K board and the thermal insulation.

Advantages

- ✓ protects the thermal insulation against the harmful effects of moisture
- ✓ prevents the occurrence of mould and fungi
- ✓ actively regulates the water vapour level in the room

Application

- ✓ as an insulating and regulating layer for water vapour in wall, floor, attic, roof and ceiling structures
- ✓ used in addition to the highly vapour-permeable membrane in the roof system



double layer construction



energy saving



Conformité Européenne

Parameters

Material	polypropylene	Diffusion resistance factor (Sd)	2 m
Number of layers	2	Lengthwise tensile strength	≥ 175 N / 50 mm
Mass per unit area	100 g/m ² (±12%)	Crosswise tensile strength	≥ 120 N / 50 mm
Colour	white, yellow	Lengthwise elongation	≥ 70 %
Roll width	1.5 m	Crosswise elongation	≥ 90 %
Roll length	50 m	Lengthwise tear resistance	≥ 120 N
Reaction-to-fire performance	class E	Crosswise tear resistance	≥ 160 N
Resistance to water penetration	meets the requirements of	Straightness	meets the requirements
Impact resistance	≤ 800 mm	Dimensional stability	< 2%
Diffusion resistance factor (Sd)	2 m		

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 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.

The information contained in this PDS, in particular recommendations concerning the method and conditions of application and the scope of application and use of the product, has been compiled on the basis of our professional experience, our best knowledge and good faith. This PDS defines the scope of application of the material and the recommended way of carrying out the works, but cannot replace the professional preparation of the contractor. In addition to the information given in this PDS, the rules of the art, the national and European standards in question, the approval documents, health and safety regulations, etc. must be observed. This PDS replaces all previous versions applicable to this product.

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