

Corotop Variant

Corotop®
MORE THAN RESISTANCE

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	Lengthwise tensile strength	≥210 N/50 mm
Number of layers	2	Crosswise tensile strength	≥40 N/50 mm
Mass per unit area	90 g/m ² ±10%	Lengthwise elongation	≥15 %
Colour	white	Crosswise elongation	≥20 %
Roll width	1,5 m	Lengthwise tear resistance	≥20 N
Roll length	50 m	Crosswise tear resistance	≥20 N
Reaction to fire	class E*	Straightness	meets the requirements
Resistance to water penetration	meets the requirements of	Dimensional stability	< 2%
Diffusion resistance factor (Sd)	0,2-20 m		

Meet the standard: EN 13984:2013

* The product is attached directly to any underlays with the A1 or A2-s1, d0 flammability classes (e.g. mineral wool) and to wood substrates with a minimum density of 338 kg/m³ (Article 5.3.2.3, EN 13238)

Installation



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): 35/ 2625

Pallet dimensions: L × W × H (m): 1.20 × 0.80 × 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.