

Corotop Metallic

Corotop®
MORE THAN RESISTANCE

Vapour Control Layer

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 ±10%
Colour	beige, silver
Roll width	1.5 m
Roll length	50 m
Reaction to fire	class E*
Resistance to water penetration	meets the requirements of
Impact resistance	≥ 300 mm
Diffusion resistance factor (Sd)	75 m

Lengthwise tensile strength	≥ 185 N/50 mm
Crosswise tensile strength	≥ 140 N/50 mm
Lengthwise elongation	≥ 50 %
Crosswise elongation	≥ 10 %
Lengthwise tear resistance	≥ 40 N
Crosswise tear resistance	≥ 60 N
Straightness	meets the requirements
Dimensional stability	< 2%

Meets 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): 40/ 3000

Pallet dimensions: L × W × 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.