



Corotop Open UV

Facade membrane

Facade membrane made of specially coated polyester non-woven fabric. To be used in closed, partially open and open joint claddings. The product has increased fire resistance - class B (s1-d0). Suitable for open facades with open joints up to 5 cm wide and a maximum surface joint share of up to 40%. Available with adhesive strips.

Advantages

- ✓ increased reaction to fire class
- ✓ protects building's elevation by increasing its durability
- ✓ increases building's energy-saving and eliminates heat shortages through walls
- ✓ UV-resistant

Application

- ✓ on external building walls in a wood or steel frame construction
- ✓ on inside house walls made of logs
- ✓ for open facades
- ✓ in ventilated elevation systems



High resistance to water penetration



High vapour permeability



Does not spread fire



Energy saving



Conformité Européenne

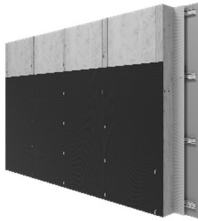
Parameters

Material	polyester, TPU	Elongation (along)	50 % (±15%)
Number of layers	2	Elongation (across)	70 % (±15%)
Mass per unit area	200g/m ² (±10%)	Tear resistance (along/across)	210 / 300 N (±30N)
Colour	black	Resistance to water penetration after artificial ageing	W1
Roll width	1.5 m	Stability of dimensions	< 1,5 %
Roll length	50 m	Flexibility at low temperature	<-20°C
Reaction to fire performance	class B (s1, d0)	Temperature resistance	-40 to +80°C
Resistance to water penetration	W1	Meet the requirements: EN 13859-1:2010, EN 13859-2:2010	
Water vapor diffusion (Sd)	0,13 m (±0,03)	* refers to the annual average insolation; as the periodic insolation increases, the duration of maximum exposure to UV radiation decreases proportionally	
Tensile strength (along)	340 N/50 mm (±30%)		
Tensile strength (across)	240 N/50 mm (±30%)		
UV resistance	max. 6mo*		

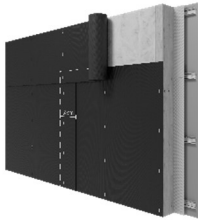
Installation tips



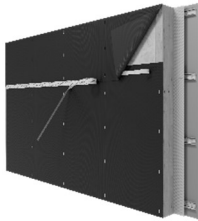
1. The façade membrane (air barrier) is fixed horizontally (from bottom to top) or vertically with inscriptions on the outside.



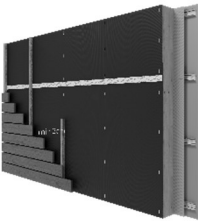
2. Tension the membrane lightly and fix to the structure with staples or wide head nails (roofing nails).



3. Fix the next air barrier strips with a suitable overlap, which is printed on the membrane. The vertical overlap must be at least 30 cm.



4. In order to eliminate air flow in the wall, it is required to bond the air barrier overlaps with double-sided tape (e.g. Corotop MIX) or single-sided tape (e.g. Corotop FIX) or adhesive strips integrated into the membrane (PLUS version).



5. Provide a minimum ventilation space of 2 cm between the air barrier and the façade.

Packaging

Quantity per pallet (rolls/m²): 25/ 1875

Pallet dimensions: L × W × H (m): 1.2 x 1.5 x 1.35

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.