

Façadeshield UV

DESCRIPTION

Façadeshield UV is designed specifically to ensure the building fabric maintains good water resistance and breathability behind open jointed cladding.

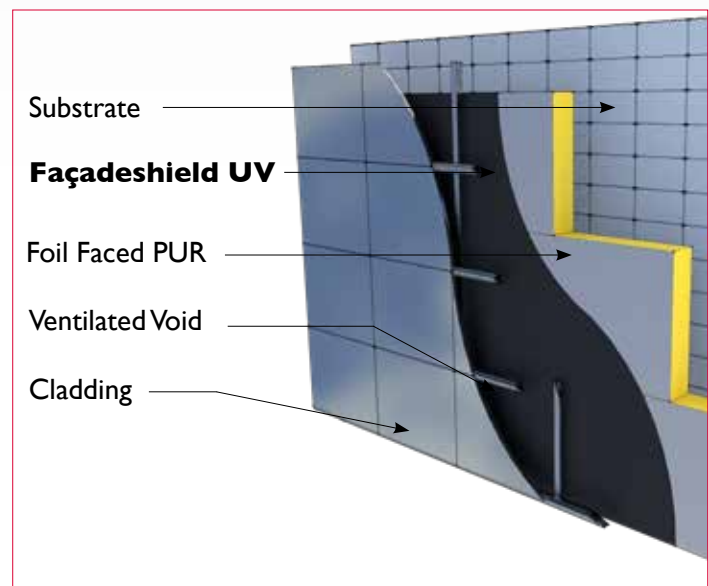
Leading research has culminated in a non woven breathable membrane that combines exceptional water resistance and UV resistance with an aesthetically pleasing dark colour to provide a “shadow” appearance behind open rainscreen façades.

Façadeshield UV enhances the airtightness of the building whilst reducing the risk of condensation due to its high vapour permeable yet airtight properties. The product comes with the reassurance of a CE Mark showing the product's fitness for purpose in the façade application, making it the obvious choice behind open jointed cladding.

To protect the membrane from mechanical damage, the joint openings in the façade covering have to be less than 50% of the area, and maximum 50mm wide*.

APPLICATION

Façadeshield UV is fixed to the supporting construction mechanically with staples or similar. Façadeshield UV must be laid vertically from top to bottom or horizontally with a minimum overlap of 100 mm. Use Façadeshield tape when joining together lengths of Façadeshield UV or for other joints where an air tight seal is required. The membrane must be free from dust and grease and the substrates must be dry and stable. Apply pressure by hand or roller to ensure a good bond. The acrylate adhesive used does not contain resins or other additives which could cause the adhesive film to become brittle and therefore this product is extremely resistant to ageing. Battens / back ventilation must be provided between the Façadeshield UV and the external façade covering.



ADVANTAGES

- Open jointed façades
- UV-stabilised
- Easy to cut
- Anti-glare
- Exceptional UV resistance
- Air tight yet highly vapour permeable
- Highly water resistant
- Robust with good tear resistance and tensile strength

*In case of larger openings please contact our technical support.

PRODUCT DATA

According to standard EN 13859-2

Composition		PES non-woven fabric, acrylate coated
Roll width	EN 1848-2	1.4m
Roll length	EN 1848-2	50m
Roll area	EN 1848-2	70 m ²
Roll weight	EN 1848-2	14 kg
Thickness	EN 1849-2	0.35 mm
Colour		Black
Weight per unit area	EN 1849-2	220g/m ²
Sd-value	EN ISO 12572	0.11 m (±0.05)
Temperature resistance	EN 13859-2	- 40°C to +80°C
Fire performance	EN 13501-1 / EN ISO 11925-2	B-s2, d0
Tensile strength	EN 12311-1	longitudinal 262 N/50mm lateral 264 N/50mm
Elongation	EN 12311-1	longitudinal 26.2% lateral 30.3%
Tear resistance	EN 12310-1	longitudinal 104 N lateral 85 N
Resistance to water permeability	EN 1928	W 1
UV resistance uncovered		12 months (Climate-Central Europe)
Long-term behaviour	EN 1296 / EN 1297	permanent long-life under facades with up to 50mm wide joints

Façadeshield Tape Properties

Roll size	60mm x 25m
Thickness	0.5mm
Working temperature	-5°C to +40°C
Temperature resistance	-40°C to +100°C
Colour	Black
Storage	2 years; cool and dry
Composition	Tear-resistant system adhesive tape with acrylate adhesive. Base material has a permanently UV-resistant coating



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www.proctorgroup.com



contact@proctorgroup.com | +44 (0) 1250 872261

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