

Technical data sheet

DELTA®-FASSADE FIREPROTECT A2



Black, non-combustible, breathable and permanently UV-resistant facade membrane for cladding with open joints up to 20 mm wide.



Characteristics	Methods	Values
Description		
Application	–	Breathable, non-combustible and UV-resistant façade membrane for ventilated façade constructions with open joints up to 20 mm and 20 % joint ratio. Particularly suitable for use in multi-storey buildings.
Material	–	Glass fabric with special diffusion-open, waterproof coating.
Special features	–	UV-resistant, non combustible, durable
Weight	EN 1849-2	220 ± 20 g/m²
Thickness	–	approx. 0.2 mm
Watertightness		
Resistance to water penetration before ageing	EN 1928	W1
Resistance to water penetration after ageing (5,000 h QUV)	EN 13859-2 & EN 1928	W1
Water vapour transmission		
S_d-value	EN ISO 12572	0.06 ± 0.03 m
Diffusion resistance factor μ	–	approx. 300
Water vapour transmission	EN ISO 12572	approx. 2.8 · 10 ⁻⁹ g/m² · s · Pa
Mechanical properties		
Tensile strength MD/CD	EN 12311-1	2,900/2,100 ± 10 % N/5 cm
Tensile strength after ageing (5,000h UV) MD/CD	EN 12311-1	2,700/2,000 ± 10 % N/5 cm
Elongation at break MD/CD	EN 12311-1	5.0/5.0 ± 2.0 %
Tear resistance MD/CD	EN 12310-1	170/170 ± 20 N
Dimensional stability	EN 1107-2	< 0.5 %
Flexibility at low temperature	EN 495-5 / EN 1109	-25 °C
Miscellaneous characteristics		
Fire resistance	EN 13501-1	Euroclass A2-s1, d0
Service temperature range	–	-40 to +80 °C
Short-term maximum temperature load of the material (< 8 h/day)	–	+120 °C
UV-related outdoor exposure time	–	16 weeks* (* for higher wind loads, the outdoor exposure time must be reduced)
Dimension	–	1.5 × 50 m
Weight of one roll	–	approx. 16.5 kg
Packaging unit	–	35 rolls/pallet
CE-conformity	EN 13859-2	Yes
External test reports	–	5,000 h QUV test, test report fire class A2

The content of this data sheet describes the current state of knowledge at the time of publication and make no claim to be complete. The information listed does not release from self-dependent behaviour. With publication of this sheet all previous versions are not valid any longer. Errors and typing errors reserved.

