



Technical Datasheet

DELTA® - FASSADE 50 PLUS

Diffusive, UV-resistant protective insulating membrane for façade designs with open joints.

Characteristics	Methods	Values	Units
Description			
Description	-	Diffusive, UV-resistant protective insulating membrane for façade designs with open joints	-
Material	-	Highly tear-resistant polyester nonwoven with a waterproof special coating	-
Weight	EN 1849-2	270	g/m ²
Thickness	-	0,53	mm
Water vapour transmission			
Sd-value	EN ISO 12572	0,02	m
Diffusion resistance factor μ	-	ca. 40	-
Water vapour transmission	EN ISO 12572	ca. 3,0	g/m ² .h.mmHg
Watertightness			
Watertightness	EN 1928	W1	-
Resistance to water penetration after ageing (5.000h UV)	EN 1928 + EN 13859-2	W1	-
Driving rain test	Test University of Berlin	Watertight	
Mechanical properties			
Tensile strength	EN 12311-1	370 / 270	N/5 cm
Tensile strength after ageing (5.000h UV)	EN 12311-1	290 / 230	N/5 cm
Elongation at break	EN 12311-1	> 10	%
Tear resistance	EN 12310-1	150 / 150	N
Dimensional stability	EN 1107-2	< 0,5	%
Flexibility at low temperature	EN 1109	-40	°C
Additional characteristics			
Fire resistance	EN 13501-1	B-s1,d0	-
Service temperature range	-	- 30 to +120	°C
Application	In buildings of more than two entire floors, flame-retardant building materials are mandatory for 'outer wall facings including insulation materials and the underlying structure'. DELTA®-FASSADE is suitable for all backvented facing constructions featuring open joints up to 50 mm wide that cover no more than 50 % of the surface.		
CE conformity	EN 13859-2	Yes	-
Accessories	DELTA®-TAPE FAS 60 mm & 100 mm, DELTA®-FAS CORNER, DELTA®-FASSADE EPDM, DELTA®-HF PRIMER		
Dimension / roll weight / palettizing	-	1,5 x 50 / 201 / 28	m / kg / rolls