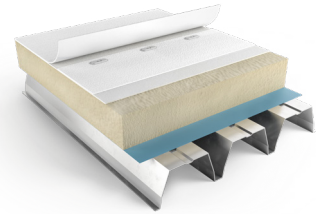


RENOLIT ALKORPLAN F Bright

Cool roof single ply roofing membrane



Product information

RENOLIT ALKORPLAN F Bright

Synthetic roofing membrane of flexible PVC with a woven polyester reinforcement and a highly UV reflective coating.



Certificates

Product certification EN 13956
0749-CPR-BC2-320-01452-0001-01

This product contributes to reach the best LEED, VERDE and BREEAM rating levels.

Certificates available on our website www.renolit.alkorplan.com

Application

RENOLIT ALKORPLAN F Bright membrane is used as waterproofing membrane within mechanically restrained systems.

PRODUCT DATA					
	Method	Production values RENOLIT ALKORPLAN F Bright			Units
		1.5 mm	1.8 mm	2.0 mm	
Mass per unit area	EN 1849-2	1.85	2.22	2.50	kg/m ²
Tensile strength	EN 12311-2 (A)	≥ 1100	≥ 1125	≥ 1150	N/50 mm
Elongation	EN 12311-2 (A)	≥ 16			%
Dimensional stability (6h at 80 °C)	EN 1107-2	≤ 0.3			%
Cold crack temperature	EN 495-5	≤ -25			°C
Nail tear resistance	EN 12310-1	≥ 400	≥ 450	≥ 500	N
Tear resistance	EN 12310-2	≥ 225	≥ 250	≥ 275	N
Joint peel resistance	EN 12316-2	BOJ or			
		≥ 225	≥ 250	≥ 275	N/50 mm
Vapour diffusion resistance (μ)	EN 1931	20,000			-
Resistance to static perforation	EN 12730	≥ 20			kg
External fire performance (EN 13501-5)	CEN/TS 1187	B _{roof} (t1) as part of a roof system*			-
Reaction to fire (EN 13501-1)	ISO 11925-2	E			-
Solar reflectance	ASTM C 1549	0.91			-
SRI Solar Reflectance Index	ASTM E 1980	115			-
Surface temperature - new	ASTM E 1980	39			°C
Surface temperature after ageing	ASTM E 1980	50			°C
Accelerating weathering test after 5.000 hours of UV-A ageing	ASTM D 4434 ASTM G 154	no cracking, no crazing			-

* Contact RENOLIT ALKORPLAN for certification.

PACKAGING					
	Colour	Thickness	Width	Roll length	Roll weight
RENOLIT ALKORPLAN F ₃₅₂₇₆	White (90300)	1.5 mm	1.05 m	20 lm	ca. 41 kg
	White (90300)	1.8 mm	1.60 m	20 lm	ca. 56 kg
	White (90300)	2.0 mm	1.60 m	20 lm	ca. 63 kg

Storage

The rolls should be stored horizontally and parallel to each other. Store in the original packaging, in a dry and frost-free area, protected from direct sunlight. The maximum stack height in the original pallet packaging is 3 pallets with a protection between the pallets and 5 crates in the original open crate packaging.

The RENOLIT ALKORPLAN roofing membranes are supplied in rolls on cardboard cores. Every delivery may contain up to 10% of short rolls (minimum length: 8 m).

This document replaces and supersedes all prior versions.

WWW.RENOLIT.ALKORPLAN.COM

RENOLIT Belgium N.V. - Export Dpt. - Industriepark De Bruwaan 43 - 9700 Oudenaarde - Belgium
T +32 (0)55 33 98 51 - renolit.belgium@renolit.com



Rely on it.