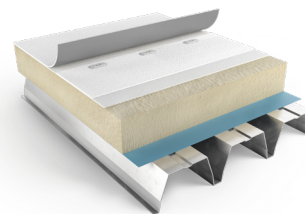


# RENOLIT ALKORPLAN F Cool

## Cool roof single ply roofing membrane



### Product information

**RENOLIT ALKORPLAN F Cool**  
Laminated membrane of flexible PVC with woven polyester reinforcing, with a highly UV reflective coating.

### Application

**RENOLIT ALKORPLAN F Cool** membrane is used as waterproofing membrane within mechanically restrained systems. A minimal slope of 30 mm/m is recommended. In combination with PV panels **RENOLIT ALKORPLAN** recommends a slope of 60 mm/m.

### 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.com/roofing](http://www.renolit.com/roofing).

PRODUCT DATA			
	Method	Production values RENOLIT ALKORPLAN F Cool - 1,5 mm	Units
Tensile strength	EN 12311-2 (A)	≥ 1100	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	≤ -30	°C
Nail tear resistance	EN 12310-1	≥ 400	N
Tear resistance	EN 12310-2	≥ 225	N
Joint peel resistance	EN 12316-2	BOJ or ≥225	N/50 mm
Vapour diffusion resistance (μ)	EN 1931	20.000	-
Resistance to static perforation	EN 12730	≥ 20	kg
External fire	EN 13501-5	B <sub>roof</sub> (t2)	-
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	-

PACKAGING					
	Thickness	Width	Weight	Roll length	Roll weight
RENOLIT ALKORPLAN F <sub>35076-700</sub>	1.5 mm	1.60 m	1.85 kg/m <sup>2</sup>	15 lm	ca. 44 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.

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.COM/ROOFING**

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Rely on it.