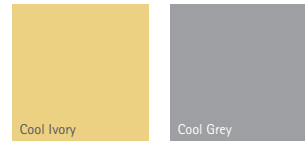


RENOLIT ALKORSMART

Cool colour single ply roofing system



Product information

RENOLIT ALKORPLAN F - ALKORSMART
Laminated membrane of flexible PVC with woven polyester reinforcing, with special reflecting and absorbing pigments added (Solar Shield Technology) to achieve the cool colour function.

Available in the colours cool ivory and cool grey. Life expectancy assessed by the British Board of Agrément (BBA) up to 40 years.

Application

Used as waterproofing membrane within mechanically restrained systems.

CE approval
0749-CPD / BC2-320-0295-0100-02
Certificates available on our website www.renolit.com/roofing.

PRODUCT DATA

	Method	Production values RENOLIT ALKORPLAN F ALKORSMART		Units
		1.2 mm	1.5 mm	
Tensile strength	EN 12311-2 (A)	≥1050	≥1100	N/50 mm
Elongation at break	EN 12311-2 (A)	≥15	≥16	%
Dimensional stability (6h at 80 °C)	EN 1107-2	≤0.3	≤0.3	%
Cold crack temperature	EN 495-5	≤-25	≤-25	°C
Cold crack temperature after ageing of 7.500 hours	ISO EN 495-5	-15	- 15	°C
Tear strength	EN 12310-1	≥350	≥400	N
Lamination strength	EN 12316-2	≥200	≥225	N/50 mm
Water vapour diffusion resistance (μ)	EN 1931	20 000*	20 000*	-
Resistance to static perforation	EN 12730	≥20	≥20	Kg

* ±30% according to EN 13956 (MDV)

		Cool Grey	Cool Ivory	Units
Solar reflectance	ASTM E903/ASTM C 1549	0.54	0.68	-
SRI Solar Reflectance Index	ASTM E903/ASTM C 1549	52.8	82.5	-
Surface temperature	STM E903/ASTM C 1549	59	51	°C
Initial surface temperature after ageing	ASTM E903/ASTM C 1549	64	59	°C
Accelerating weathering test after 5.000 hours of UV-A ageing	ASTM D 4434 - ASTM G 154	-	cracking: none	-
Accelerating weathering test after 5.000 hours of UV-A ageing	ASTM D 4434 - ASTM G 154	-	crazing: none	-
Weight loss after ageing on exposure to UV during 2.500 hours	EN ISO 4892-2/A	< 3	< 3	%

PACKAGING

	Colour	Thickness	Width	Weight	Roll length	Roll weight
RENOLIT ALKORPLAN F ₃₅₂₇₆	Cool grey (77040) Cool ivory (11014)	1.2 mm	2.10 m	1.53 kg/m ²	20 lm	ca. 63 kg
RENOLIT ALKORPLAN F ₃₅₂₇₆	Cool grey (77040) Cool ivory (11014)	1.5 mm	2.10 m	1.85 kg/m ²	15 lm	ca. 58 kg

Storage

Store dry. Rolls to be parallel and in original packing where possible, do not stack in cross form or under pressure.

Standard conditions of sale are included in price lists, all sales of **RENOLIT** products are made under these conditions. **RENOLIT ALKORPLAN** is delivered in rolls. Every delivery may contain up to 10% of short rolls (minimum length: 8 m)

WWW.RENOLIT.COM/ROOFING



Rely on it.