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RENOLIT ALKORPLUS₈₁₀₁₂
Vapour control layer

EXCELLENCE
IN ROOFING

RENOLIT ALKORPLUS₈₁₀₁₂

Vapour control layer

Blown Extruded LDPE vapour control layer for use in RENOLIT ALKORPLAN and RENOLIT ALKORTOP roofing systems.

PRODUCT DATA

thickness	81012 0.25	81012 0.40	mm	EN 1849-2
colour type 81012	opaque blue	opaque blue		
density	0.93	0.93	g/cm ³	ASTM D 1505
mechanical properties				
tensile strength	≥ 80	≥ 140	N/50 mm	EN 12311-2
elongation	≥ 600	≥ 800	%	EN 12311-2
diffusion equivalent	μ ≈ 560.000	μ ≈ 500.000		EN 1931
Water vapour permeability	μ.s ≈ 140	μ.s ≈ 200	m	
Fire resistance F according to EN 13501-1 (Average production values)	≈ 0.29	≈ 0.20	g/m ² .d	

APPLICATION

- For detailed information regarding correct installation and use please refer to the RENOLIT Technical Department. For RENOLIT ALKORTOP membranes, the use of a 0.40 mm thick vapour control layer is compulsory.

PROPERTIES

- will not rot or swell
- resistant to oil
- resistant to a certain moisture level
- resistant to bitumen
- resistant to a variety of chemicals
- conforms to EN 13984 for application as vapour control layer in construction

RENOLIT ALKORPLUS₈₁₀₅₇ ADHESIVE TAPE

- The vapour control layer is loosely laid over the deck with minimum side and end laps of 50 mm which is sealed with RENOLIT ALKORPLUS adhesive tape 81057.

PACKAGING

vapour control layer	width	length	weight	weight/roll
RENOLIT ALKORPLUS ₈₁₀₁₂ 0,25	6.00 m	25 m	0.24 kg/m ²	36 kg
RENOLIT ALKORPLUS ₈₁₀₁₂ 0,40	4.00 m	25 m	0.40 kg/m ²	40 kg
• supplied in roll form - folded in four to 1,50 m.				
adhesive tape	width	length	thickness	weight/roll
RENOLIT ALKORPLUS ₈₁₀₅₇	1.5 cm	30 m	1.5 mm	0.1 kg

STORAGE

- Vapour control layer rolls should be stored horizontally in the original packaging.
- Adhesive tape shelf life: unlimited at storage temperatures between +10°C and +20°C.

WWW.ALKORPROOF.COM

RENOLIT Cramlington Ltd
Station Road, Cramlington, Northumberland NE23 8AQ - United Kingdom
T +44 1670 718283 - F +44 1670 590096 - renolit.cramlington@renolit.com



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DIRECTION GÉNÉRALE
Jonquet Face MTN Internet
Tél.: (+229) 21 33 33 48
95 96 00 08

04 B P : 0526 Cotonou
contact@hbpbenin.com
www.hbpbenin.com

DIRECTION COMMERCIALE
HBP New City
Maro Millaire à côté de Taxi Lobo
Tél.: (+229) 21 32 48 48
95 02 72 72 - 94 00 61 61