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**RENOLIT ALKORPLUS<sub>81012</sub>**  
Vapour control layer

EXCELLENCE  
IN ROOFING

# RENOLIT ALKORPLUS<sub>81012</sub>

## Vapour control layer

Blown Extruded LDPE vapour control layer for use in RENOLIT ALKORPLAN, RENOLIT ALKORTOP and RENOLIT ALKORTEC 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 <sup>3</sup>	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 <sup>2</sup> .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 ALKORPLUS<sub>81057</sub> 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 <sub>81012</sub> 0,25	6.00 m	25 m	0.24 kg/m <sup>2</sup>	36 kg
RENOLIT ALKORPLUS <sub>81012</sub> 0,40	4.00 m	25 m	0.40 kg/m <sup>2</sup>	40 kg
• supplied in roll form – folded in four to 1,50 m.				
adhesive tape	width	length	thickness	weight/roll
RENOLIT ALKORPLUS <sub>81057</sub>	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](http://WWW.ALKORPROOF.COM)



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