



Vapour Control Layer

Extruded blown LDPE vapour control layer for use in Alkor roofing systems.

1. PROPERTIES

- will not rot or swell
- resistant to bitumen
- resistant to oil
- resistant to a variety of chemicals
- resistant to a certain moisture level
- conforms to DIN 18530/5 for application as vapour barrier in construction

2. PRODUCT DATA

thickness:	0,25 mm	± 10 %	
colour type 81012:	opaque blue		
density:	0,93 g/cm ³	ASTM D 1505	
melt flow index	0,35 g/10 min	ASTM D 1238/A con E	
mechanical properties			
tensile strength:	≥ 15	MPa	DIN 53455
elongation:	≥ 400	%	DIN 53455
diffusion equivalent:	μ ≈ 450.000		DIN 53122
	μ.s ≈ 112,5 m		
Water vapour permeability (Average production values)	≈ 0,35 g/m ² .d		

3. APPLICATION

- For detailed information regarding correct installation and use please refer to the **RENOLIT WATERPROOFING** Technical Department.

4. ALKORPLUS® 81057 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 Alkorplus® adhesive tape 81057.

5. DELIVERY

vapour control layer	width	length	weight	weight/roll
Alkorplus® 81012	6.00 m	25 m	0.24 kg/m ²	36 kg
• supplied in roll form - folded in four from 1,50 m.				
adhesive tape	width	length	thickness	weight/roll
Alkorplus® 81057	1.5 cm	30 m	1.5 mm	0.1 kg

6. 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.

Subject to change without notice.

November 2002

RENOLIT Great Britain LTD

Axis 5,
Rhodes Way
Watford, Herts
WD24 4TN
Great Britain
Tel: 01923/24 95 11
Fax: 01923/22 74 27

