

**VAPOUR CONTROL
LAYER**

alkor **+** **PLUS**[®] 81012
BY RENOLIT WATERPROOFING

RENOLIT WATERPROOFING
EXCELLENCE IN ROOFING



VAPOUR CONTROL LAYER

BLOWN EXTRUDED LDPE VAPOUR CONTROL LAYER FOR USE IN alkorPLAN[®] AND alkorFLEX[®] ROOFING SYSTEMS.

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

PRODUCT DATA

thickness	0,25	mm	EN 1849-2
colour type 81012	opaque blue		
density	0,93	g/cm ³	ASTM D 1505
melt flow index	0,35	g/10min	ASTM D 1238/A con E
mechanical properties			
tensile strength	≥ 100	N/50 mm	EN 12311-2
elongation	≥ 600	%	EN 12311-2
diffusion equivalent	$\mu \approx 450.000$		EN 1931
Water vapour permeability	$\mu.s \approx 110$	m	
Fire resistance F according to EN 13501-1 (Average production values)	$\approx 0,35$	g/m ² .d	

APPLICATION

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

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.

PACKAGING

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

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.

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