

**VAPOUR CONTROL  
LAYER**

alkor **+** **PLUS**<sup>®</sup> 81012  
BY RENOLIT WATERPROOFING

**RENOLIT WATERPROOFING**  
EXCELLENCE IN ROOFING



## VAPOUR CONTROL LAYER

BLOWN EXTRUDED LDPE VAPOUR CONTROL LAYER FOR USE IN alkorPLAN<sup>®</sup> AND alkorFLEX<sup>®</sup> 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

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

### APPLICATION

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

### alkorPLUS<sup>®</sup> 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<sup>®</sup> adhesive tape 81057.

### PACKAGING

vapour control layer	width	length	weight	weight/roll
alkorPLUS <sup>®</sup> 81012	6.00m	25m	0.24kg/m <sup>2</sup>	36kg

- supplied in roll form - folded in four to 1,50m.

adhesive tape	width	length	thickness	weight/roll
alkorPLUS <sup>®</sup> 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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