

RL VAPOUR CONTROL LAYER

FOR ROOFLOGIC ULTRATHERM ROOF SYSTEMS

DESCRIPTION/USE

RL Vapour Control Layer is a self-adhesive SBS modified vapour control layer for use in all RoofLogic roofing systems, including the UltraTherm Xtreme, UltraTherm MSR and UltraTherm Recover roofing systems. It is manufactured to the highest quality according to DIN EN 13707 with all technical values in exceedance of minimum standards.

TOPSIDE	SPECIAL ALUMINIUM FOIL WITH INTERGRATED WEB REINFORCEMENT.
UNDERSIDE	SELF-ADHESIVE ELASTOMERIC BITUMEN AND DETACHABLE FOIL

RL Vapour Control Layer being installed over Base Deck

BENEFITS

- Efficient application due to cold self-adhesion.
- Substrate can be completely overlaid with RL Vapour Control Layer without the use of a gas flame.
- Extremely secure joint connection at side and end laps ensures improved weather-tightness and vapour control.
- Can provide temporary protection onsite in exposed conditions for up to 3 months.

STORAGE

RL Vapour Control Layer should be stored vertically and protected from moisture, UV light and heat. In winter care should be taken not to expose the rolls to frost on site prior to application.

APPLICATION

RL Vapour Control Layer can be directly installed over steel liner deck, steel base deck, plywood/timber substrates and pre-cast and in-situ concrete. RL Vapour Control Layer can be used in both new and renovation projects. Please consult RoofLogic for application of RL Vapour Control Layer to other substrates.

RL Vapour Control Layer must be applied with 80 mm side laps and minimum 100 mm end laps.

RL Vapour Control Layer must be installed on to dry, dust/residue free substrates. Concrete substrates can be lightly primed with RL Bitumen Primer to improve adhesion.

Plywood substrates can also be primed where required to seal the substrate and improve adhesion of the vapour control layer. Steel base and liner deck usually do not require priming.

In cold conditions RL Vapour Control Layer can be installed with assistance of an added heat source (hot air/light gas torch.). This can be used to heat the substrate and heat the overlap joint. Only use light heat and do not melt the bitumen adhesive.

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TECHNICAL DATA

CHARACTERISTICS	TEST METHOD	PERFORMANCE
Protection of the top side	-	Aluminium foil
Protection of the bottom side	-	self-adhesive binder / anti-adhesion film
Length, m	EN 1848-1	≥ 50.0
Width, m	EN 1848-1	≥ 1.08
Straightness	EN 1848-1	≤ 10 mm / 5 m
Mass per unit area, kg/m ²	EN 1849-1	0.5±0.1
Thickness, mm	EN 1849-1	0.5 mm
Type of carrier	-	glass net
Tensile properties: maximum tensile force L / T, N/50 mm	EN 12311-1	600±120 / 600±120
Tensile properties: elongation L / T, %	ASTM D5147	≥ 2.0 / ≥ 2.0
Determination of shear resistance of joints, kN/m	EN 12317-1	≥ 1.5
Peel resistance of joints: overlap to aluminium foil, N/50mm	EN 12316-1	≥ 50
Water vapor transmission (Sd), m	EN 1931	≥ 1225
Dangerous substances	Does not contain dangerous substances	

Footnotes: L / T – Longitudinal / Transverse; NPD – No Performance Determined.

Shelf life if all storage requirements are met: 12 months from the date of production.