Daltex® REFLECTIVE VCL

Don & Low
MEMBER OF THRACE GROUP

Technical Information

Reflective Vapour Control Layer

Daltex® Reflective VCL is a reflective, high resistance vapour barrier for internal walls, ceilings and floors, specifically designed to enhance the thermal performance when placed on the warm side of the insulation. Daltex® Reflective VCL is a Type A vapour control layer tested to EN 13984 Flexible sheets for waterproofing - Plastics and rubber vapour control layers. Daltex® Reflective VCL conforms to the Construction Products Regulation (EU Regulation No.305/2011), vapour control layers (Annex ZA of EN 13984) and is manufactured under control of an ISO 9001 quality management system.

TEST	METHOD		Daltex® RCL 142					
Product Code			RCL 142					
Mass Per Unit Area (g/m^2)	EN 1849-2		142	(+/- 10)				
Reaction to Fire	EN 11925-2		Class E *					
Water Vapour Resistance (Sd)	EN 1931		150 m					
Vapour Resistance (MN/sg)	EN 1931		750					
Water Penetration	EN 1928		Class W1 (before and after ageing)					
Tensile Strength (N/5cm)	EN 12311-1	Before ageing	**MD**	225	(-60)	**CD**	200	(-50)
		After ageing	**MD**	185	(-60)	**CD**	170	(-50)
Elongation (%)	EN 12311-1	Before ageing	**MD**	59	(-20)	**CD**	70	(-20)
		After ageing	**MD**	39	(-20)	**CD**	50	(-20)
Tear Resistance (N)	EN 12310-1		**MD**	155	(-55)	**CD**	155	(-55)
Flexibility at low temperature	EN 1109		No cracking at minus 40ºC					

*when tested over a rock wool substrate

Conditions applicable to the end use of the product

Rolls should be stored flat on a clean, level surface and kept under cover.

Method of Installation

The vapour control layer should be installed as detailed in National Building Regulations. Any guidelines concerning installation that are supplied with the product should be consulted prior to laying. For general information – the vapour control layer should be positioned on the warm side of the thermal insulation.

In ceilings the product is placed between the underside of the rafters and the ceiling lining. In floors the product is placed on top of the structural decking or insulation (where present) and below any screed or sensitive floor coverings. Adjacent sheets should be lapped by 150mm and sealed with a suitable tape. Minimise penetrations caused by services and seal all joints.

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