

Technical Information

Reflective Vapour Control Layer

VapourTX® Thermo 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. VapourTX® Thermo is a Type A vapour control layer tested to EN 13984 Flexible sheets for waterproofing - Plastics and rubber vapour control layers.

VapourTX® Thermo 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	VapourTX® Thermo					
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	150m					
Vapour Resistance (MN/sg)	EN 1931	750					
Water Penetration	EN 1928	Class W1					
Tensile Strength (N/5cm)	EN 12311-1	MD	260	(-60)	CD	200	(-50)
Elongation (%)	EN 12311-1	MD	59	(-20)	CD	70	(-20)
Tear Resistance (N)	EN 12310-1	MD	155	(-55)	CD	155	(-55)
Flexibility at low temperature	EN 1109	No cracking at minus 40°C					
Thermal Resistance (m ² K/W Horizontal heat flow)	BS EN ISO 8990	0.79					

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, with the foil side facing the cavity.

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 floorcoverings. Adjacent sheets should be lapped by 50mm and sealed with a suitable tape. Minimise penetrations caused by services and seal all joints.



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