Daltex® VCL 116

Vapour Control Layer

Technical Information

Daltex® VCL 116 is a high resistance vapour barrier for internal walls, ceilings and floors, specifically designed to reduce the transfer of water vapour through the structure when placed on the warm side of the insulation.

Daltex® VCL 116 is a Type A vapour control layer tested to EN 13984 Flexible sheets for waterproofing - Plastics and rubber vapour control layers.

Daltex® VCL 116 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.

Product Characteristics

Product Code		VCL 116					
Mass per unit area	EN 1849-2	116g/m² (+/- 10 g/m²)					
Reaction to Fire	EN 11925-2	Class F					
Water vapour resistance Sd	EN 1931	15 m (+/- 2)					
Water penetration	EN 1928	Class W1					
Tensile strength	EN 12311-2	MD	240 N	(- 70 N)	CD	150 N	(- 50 N)
Elongation	EN 12311-2	MD	60 %	(+/-20%)	CD	70 %	(+/-20%)
Tear resistance	EN 12310-1	MD	170 N	(- 40 N)	CD	150 N	(- 40 N)

Conditions applicable to the end use of the product

Rolls should be stored flat or 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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