

Synthetic Polypropylene Roofing Breathable Underlay

TECHNICAL INFORMATION

HAS WB 90S2LC is a high resistance vapour barrier for internal walls, ceiling, roofing and floors, designed to reduce the transfer of water vapour the structure when placed on the warm side of the insulation.

HAS WB 90S2LC is a Vapour control layer tested according to EN 13984 flexible sheets for waterproofing-plastics and rubber vapour control layers and it conforms to the construction products regulation (EU) 305/2011, (Annex ZA of EN 13984). Vapour control layers and is manufactured under control of an ISO 9001 quality management system.

Characteristics	Standard	Performance
Product Code	HAS WATER BARIER 90 SPOUNBOND 2 LAYER COATING	HAS WB 90S2LC
Mass per unit area	EN 1849-2	90 g/m² (+/- 10 g/m ²)
Water vapour resistance Sd	EN 12572c	Sd 0.38m (-0.1 mm)
Reaction to fire	EN 13501-1 / EN ISO11925-2	Class E
Water vapour resistance Sd	EN 1931 Before ageing After ageing	8m 14m
Water penetration	EN 1928 before ageing after ageing*	Class W1 Class W1
Resistance to Alkali	Annex C & EN 12311-2	NPD No Performance Declared
Tensile strength	EN 12311-1	MD 150N (- 40 N) CD 105N (- 30N)
Elongation	EN 12311-1	MD 60% - 120 % CD 60% - 130 %
Tear resistance (nail shank)	EN 12310-1	MD 90N (- 30 N) CD 90 N (-30N)
Resistance to impact	EN 12691:2006-03 (A-500)	NPD no performance declared
Joint Strength	EN 12317-1	NPD no performance declared
Visible Defects	EN 1850-2	Pass
Straightens	EN 1848-2	75 m / 10 m

- after ageing results measured according to EN 13984
During production no dangerous materials used

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

VCLs should be installed internally according to local regulations. Any guidelines concerning installation that are supplied with the product should be consulted prior to laying. For general information – the VCL should be positioned to the warm side of the thermal insulation. In ceilings the VCL is placed between the underside of the rafters and the ceiling lining. In floors the product is placed on top of structural decking or insulation (where present) and below any screed or sensitive floor coverings. adjacent rolls should be lapped by 150 mm and sealed with a suitable tape. Minimise penetrations caused by services and seal all joints.

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