

Technical Information

Low resistance vapour permeable air barrier floor cassette membrane

FloorTX® FCM has been developed to provide an air and watertight envelope around the external face of floor cassettes. Its build-up ensures that it offers temporary protection for the structure from wind-driven rain and snow whilst remaining vapour permeable to minimise condensation forming at the edge of the floor cassettes and junction with the wall panels. Additionally, sealing it to the air and vapour barrier on the wall panels provides air tightness to the intersection between the floor cassette and walls. FloorTX® FCM conforms to the Construction Products Regulation (EU Regulation No. 305/2011 as it has effect in the United Kingdom), Underlay for discontinuous roofing (Annex ZA of EN 13859-1) and is manufactured under the control of an ISO 9001 quality management system.

- Excellent resistance to water penetration
- Excellent water vapour transmission properties

TEST	METHOD	FloorTX® FCM						
Product Code		FNS 125						
Mass Per Unit Area (g/m ²)	EN 1849-2	125 (+/- 12)						
Reaction to Fire	EN 11925-2	Class E						
Water Vapour Resistance (Sd)	EN ISO 12572	0.029 m (+/- 0.01)						
Water Penetration	EN 1928	Before ageing	Class W1					
		After ageing	Class W1					
Tensile Strength (N/5cm)	EN 12311-1	Before ageing	MD	285	(-65)	CD	165	(-45)
		After ageing	MD	240	(-65)	CD	140	(-45)
Elongation (%)	EN 12311-1	Before ageing	MD	70	(-16)	CD	90	(-18)
		After ageing	MD	30	(-20)	CD	40	(-20)
Tear Resistance (N)	EN 12310-1	MD	125	(-40)	CD	120	(-40)	
Flexibility at low temperature	EN 1109	No cracking at minus 40°C						

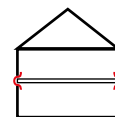
Conditions applicable to the end use of the product

Rolls should be stored flat on a clean, level surface and kept under cover. Once the underlay is applied to the floor, the primary wall covering should be installed within one month.

Method of Installation

Follow the installation instructions for optimal results.

The membrane should be installed as detailed in national building regulations for this product and specific installation instructions as supplied with the product. Care should be taken to ensure that the coloured side of the membrane is facing outermost.



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