

# FCM750

## FLOOR CASSETTE MEMBRANE

**P**rotect FCM750 has been specifically developed to provide a simple and practical solution for maintaining the integrity of the airtightness system and controlling condensation risk at difficult intermediate floor junctions.

This triple ply construction membrane incorporates a waterproof and vapour permeable core, sandwiched between two layers of non-woven spun bonded polypropylene. This ensures that the product is entirely water resistant and airtight through the membrane itself, and yet remains highly vapour permeable to minimise the risk of harmful condensation forming at the vulnerable edges of the floor cassette.

A complementary range of Protect lap and sealing tapes is also available to provide the correct seal to the internal air and vapour control layer.



### BENEFITS

- Highly vapour permeable in excess of the minimum value required for wall membranes.
- Completely water and airtight.
- Lightweight and easy to install.
- Can be used as a temporary weather protection. ♦
- Available in practical 50m rolls, in two widths, 0.75m for standard floors, or 1.0m wide for deeper or acoustic floors.

♦ For clarification on exposure times please contact Glidevale Protect's Technical team.





**PRODUCT DESCRIPTION**

**Size**

Roll width: 0.75 or 1.0m  
 Roll length: 50m  
 Roll total area: 37.5 or 50m<sup>2</sup>  
 Roll weight: 4.91 or 6.55kg

**Appearance**

Embossed grey upper and grey/white lower surface.  
 Printed with product branding for ease of identification.

**Specification clause**

Floor cassette to be airtight sealed using Protect FCM750 floor cassette membrane, as well as sealing to the internal airtightness barrier with Protect lap and sealing tapes, supplied by Glidevale Protect, 2 Brooklands Road, Sale, Cheshire, M33 3SS.  
 T: +44 (0)161 905 5700  
 F: +44 (0)161 905 2085.  
 Email: info@glidevaleprotect.com.  
 Floor cassette membrane to be of triple ply construction with waterproof and vapour permeable core protected between two layers of nonwoven spunbond polypropylene with a water vapour transmission of 0.17 MNs/g / 0.034 S<sub>d</sub> to BS EN ISO 12572.  
 Membrane to be laid with sealed laps and taped onto the internal airtightness barrier in accordance with manufacturer's instructions.



**PERFORMANCE**

	MD	CD
Nail tear strength (N) to BS EN 12310-1 with mods	140	198
Unaged tensile strength (N/50mm) to BS EN 12311-1 with mods	225	160
Aged tensile strength (N/50mm) to BS EN 12311-1 with mods	190	130
Watertightness	Pass	Class W1 >2.0m hydrostatic head resistance
Weight	125gsm	
Flexibility at low temperature	-40°C	
Water vapour resistance to BS EN ISO 12572	0.17 MNs/g / 0.034 S <sub>d</sub>	

MD = machine direction (along roll), CD = cross direction (across roll).  
 UV and heat ageing conditions: UVA lamps at 50°C for 336 hours followed by heat ageing at 70°C for 90 days.

Stockist's stamp

**GLIDEVALE PROTECT**

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Glidevale Protect maintains a policy of continuous development and reserves the right to amend product specifications without notice.



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