ISOCELL

SOLUTIONS FOR THE WAY YOU BUILD

WHEN IT COMES TO **AIRTIGHTNESS,** WE HAVE YOUR **NEW BUILD** OR **RENOVATION PROJECT** COVERED

FH Fleece Vapour Barrier

DESCRIPTION

A transparent vapour barrier for the airtight layer in roof and wall constructions. In general **FH Fleece Vapour Barrier** is suitable for use in building components that are non-vapour retardant on the outside. In constructions that are well sealed on the exterior (e.g. flat roofs, renovations) the low sd-value guarantees a high degree of drying towards the interior during the summer months. A check should be made in every case by carrying out a calculation (e.g. with WUFI) to ensure the suitability of this option. ISOCELL's staff will be pleased to offer you technical support. The FH fleece vapour barrier can also be used for the sub-and-top system in refurbishment.

BENEFITS/USAGE

- Transparent
- Soft, pliant
- Easy to install

PREPARATION

Any surface being adhered to should be properly prepared and must be free from dust and grease and substrates must be dry.

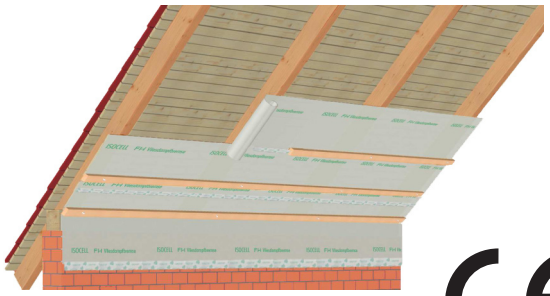
APPLICATION

FH Fleece Vapour Barrier is attached to the substrate using a tacker. **ONLY the SMOOTH SIDE can be sealed airtight.** The overlap must be approx. 10cm. All overlaps and joins must be sealed with Airstop Adhesive Tape, Airstop Flex Adhesive Tape or with Airstop Sealant 'Sprint'. We recommend the use of Airstop Cable and Pipe Sleeves or Butyl Stretch Flex for penetration points. With blown-in insulation the distance between battens should not exceed 30cm.

PROPERTIES

According to standard EN 13984

Composition	PP fleece with polyolefincopolymer covering		
Roll Width	EN 1848-2	1.5m	3.0m
Roll Length	EN 1848-2	50m	50m
Roll Area	EN 1848-2	75m²	140m²
Roll Weight		7.8kg	11.2kg
Thickness	EN 1849-2	0.37mm (± 0.05)	
Colour		White transparent	
Weight per Unit Area	EN 1849-2	90 (±10)g/m²	
Sd-Value	EN 1931	2.5m	
Temperature Resistance		-40 to +80°C	
Tear Strength	EN 12311-2	Longitudinal 120 (N/5cm) Lateral 110 (N/5cm)	
Elongation at Maximum	EN 12311-2	Longitudinal 80% Lateral 90%	
Nail Tear Strength	EN 12310-1	Longitudinal 90N	
Fire Performance	EN 13501-1/ EN 11925-2	E	



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