

TECHNICAL DATA SHEET

FASTEC POLYETHYLENE PROFILED FILLER BLOCK

Profiled Filler Blocks serve to seal cavities between profiled sheeting and adjacent materials or substrates, such as flashings. They are manufactured to order, to your exact requirements, and are available in a wide range of combinations and variations.

TECHNICAL DATA FOR POLYETHYLENE FOAM MATERIAL

	Test Method	Test Result
Density (kg/m ²)	ISO 845	33
Tensile strength (kPa)	ISO 1926	
Lengthwise		325
Crosswise		230
Tensile Elongation (%)	ISO 1926	
Lengthwise		120
Crosswise		110
Compressive strength (kPa)	ISO 844	
Deflection 10%		15
Deflection 25%		35
Deflection 50%		99
Compression set (%)	ISO 1856-C	
22 hours charge 23°C		
Deflection 25%		
30 minutes after discharge		21
24 hours after discharge		12
Thermal Conductivity (W/mK)	ISO 2581	
At 10oC		0.034
At 20oC		0.039
Working temperature (°C)	Internal	-80 / +100
Water Absorption (%)	2896	
After 96 hours		< 1
Water Vapour Transmission (g/m ² x 24 h)	1663	
"U" – Value (23°C, 0.85% r.h)	1663	
Shore hardness (00 Scale)	Internal	44

This information is given to the best of our knowledge. All test data are average values and should be considered as guidelines only.

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