

Technical Data Sheet

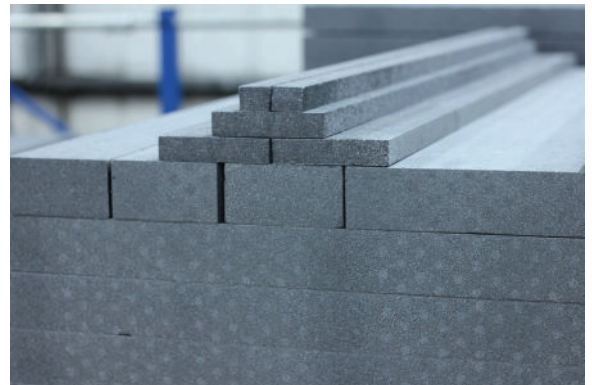
BRIGi® Foam

BRIGi® FOAM
Thermally Insulating Compact Construction Foam

Combining strength with outstanding thermal insulation, BRIGi® Foam is the compact construction foam of choice. Passivhaus approved product used frequently as a structural thermal break. Thermal bridge free solution for Window & Door installation, aperture and threshold, EWI and roofline. It's strength and insulating properties enable BRIGi® Foam to be used in many construction applications that require a strong, stable, light weight thermal break solution.

- ✓ **High Compressive Strength**
- ✓ **Ultra-low water absorption**
- ✓ **Extremely Light Weight**
- ✓ **Outstanding Thermal Insulation 0.04 W/m-k**
- ✓ **Biocide Free**
- ✓ **6 Months Direct UV Stability (during construction phase)**

Instantly Reduces Thermal Bridging in Window & Door Threshold Installations



- ✓ **Excellent Material for Energy-Related Building Renovation**
- ✓ **Optimum integration in EWI systems**
- ✓ **Optimisation of the Ψ -value due to its very high thermal insulating properties**
- ✓ **Allows windows to be fitted into the outer thermal insulation level**
- ✓ **Fully Compliant with the requirements of the Building Energy Act (EnEV was valid 31.10.20) and the recommendations of the RAL "installation guide"**
- ✓ **Certified Passive House component**
- ✓ **10 Year Function Warranty***

Material Description	Standards	Classification
Material Type		ThermaEPS-F Flame Retardant
Colour		Grey
Building Material Class	DIN 4102-1	B2
Fire Behaviour	EN 13501-1	E
Airtightness	EN 12114	<0.1 m-3
Bulk Density		1501kg/Lm3
Frame Retardant		HBCD free Retardant
UV Stability		6 Months
Thermal Conductivity		0.04 W/m-k
Bending Resistance		>650 kPa
Shearing Stress		0.217 N /mm2
Water Absorption		< 1.5 Vol. %
Load Transfer		200kg/M

The details and information given in this literature are based on best current knowledge. They are intended to serve as general information only and it is advised that the user conducts their own tests for their specific set of conditions to determine the suitability of the product for its proposed use. No warranty or liability is given or implied regarding any part of these instructions or details, or the completeness of the information. We reserve the right to modify, or change, the specifications and information without advance notification. All goods are supplied subject to our standard conditions of sales, copies of which are available upon request.