


Technical data sheet

BauderPIR KFS G16 Tapered Valley Infills



04/06/2024

Product description	Tapered EPP rigid foam valley infill board manufactured with a slope of 1.6% to be used where required to complete the BauderPIR FA G16 tapered insulation scheme.		
Application fields	BauderPIR KFS G16 valley infill is used at 90 degree junctions on the roof to create a fall in one direction. Please refer to the BauderPIR FA G16 tapered insulation scheme for number of boards required and also location of the valley infills.		
Article number	7200 1610		
Facing	top:	None	
	bottom:	None	
Board edge	Square (not rebated)		

Characteristic	Test method	Unit	Value
Length	EN 822	mm	1200
Width (Triangular shape)	EN 822	mm	1200/ 2
Thickness	EN 823	mm	5/ 18
Tapered/ Gradients	-	%	1,67
Reaction to fire	EN 13501 - 1	-	E
Compressive Strength 10% compression	EN 826	-	0.12 N/mm ² 120 kPa 12,000 kg/m ²
Maximum Loading for Permanently Sited Loads (2% compression expected)	EN 826	-	0,024 N/mm ² 24 kPa 2,400 kg/m ²
Thermal conductivity (λ _D)	EN 13165	W/mK	0.040

Installation guidance	The valley infills must be bonded using Bauder Activator-Primer. Apply 1 coat of Bauder Activator-Primer to the first layer, ensuring an even distribution is achieved. Apply 1 coat of the Activator-Primer to the second layer following the recommended spray pattern to achieve 100% coverage. Once the solvents have evaporated, the surfaces should appear tacky to the touch. Once this has been achieved, place the second layer onto the first layer and apply pressure to the second layer to achieve contact. Applying pressure is key to ensuring good consolidation.
Product storage guidance	Store the materials outdoors with suitable robust UV resistant, flame-retardant tarpaulin. Ensure the product(s) are clear of buildings and any other storage areas. The products must not be exposed to a direct naked flame or other ignition sources, or to solvents or other chemicals. All insulation boards must be kept dry, on pallets and off the ground. The packaging of Bauder Insulation products should not be considered adequate for weather protection. Where there are storage containers on site, these may be suitable for storing products.
Packaging material	The product will be delivered in cardboard boxes (readily recyclable).
Handling/PPE	All persons using the product should be fully aware of the manual handling methods as roofing materials are

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heavy and can cause serious injury. When using the product, installers should be provided with, and wear, suitable personal protective equipment.

Shelf life

When stored correctly, the product has no stated shelf life.

Disposal guidance

Recommended EWC waste codes: 17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.

Further information/documents

Current documents such as DoC's, DoP's (where relevant), brochures, installation guides, etc. can be found by visiting www.bauder.co.uk

Safety Data Sheet

Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK. This product is classed as an article; therefore, this product does not have a requirement for a Safety Data Sheet.