

BRICK - PANELS

JOINT ALIGNMENT SYSTEM



PUR - RIGID FOAM PANELS											Stand 01.2013 date: 30. 01.2013	
High Performance Insulation for our Brick-Tiles Characteristics data Joint alignment system Pur- Rigid Foam WLS 028, 027, 026												
Pur/PIR- Rigid Foam	HFC, CFC-and HCFC-free, guaranteed quality											
Properties:	Non-glowing, non-melting, and is not dropping off whilst burning, Biological harmless, non-rotting, recyclable, mould and mildew-resistant.											
Apparent density	>30 kg/m ² in accordance with DIN EN 1602											
Compressive strength at 10% compression	>100 kPa in accordance with DIN EN 826											
Rated value of thermal conductivity	λ 0,026 W/(m-K) in accordance with DIN EN 4108-4 >120 mm λ 0,027 W/(m-K) in accordance with DIN EN 4108-4 81-119 mm λ 0,028 W/(m-K) in accordance with DIN EN 4108-4 <80 mm											
Water vapour resistance index	60-110 (Pur/PIR- Rigid Foam)											
Application type	WAB in accordance with DIN EN 4108-10											
Construction material class With brick tiles	B1 in accordance with DIN EN 4102 System can be used up to 22 meter Other high on request											
Temperature resistance	-30°C to +110°C -22° F to +230°F											
Longitudinal expansion coefficient	5-8x10 ⁻⁵ 1/K in accordance with DIN EN 1604											
Water absorption	Approx. 3 vol.% in accordance with DIN EN 12087											
Coating	no											
Edge finishing	Head site stepped, sides with tongue and groove from thickness 30 mm											
Dimension/Format	RF/WDF-123.0x54.5 cm NF-123.0x58.0 cm DF-123.0x56.5 cm											
Thickness rigid PUR in mm	25	30	40	60	80	100	120	140	160	180	200	
U-value (W/m ² -K)	1,12	0,93	0,70	0,46	0,35	0,28	0,22	0,18	0,16	0,14	0,13	
R-value (m ² -K/W)	0,89	1,07	1,42	2,14	2,85	3,57	4,44	5,38	6,15	6,92	7,69	
Brick –tile type/dim. In mm	NF240x71x14/17, WDF 210/215x65x14/21, RF 240x65x14/17 DF240x52x14/17, other format /thickness on request											
Brick –tile colours	See website www.brick-panels.co.uk											
Admission	Isoklinker Z-33.46-936 Other technical details on request. Deutsches Institute fur Bautechnik. Berlin											
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