

BAUTHERM G

Graphite Expanded polystyrene thermal insulation panels.

Description

Graphite expanded polystyrene. Certified plates for specific use in external thermal insulation systems (ETICS) in thicknesses of 3 to 10 cm. Coefficient of thermal conductivity: $\lambda = 0,030 \text{ W / mK}$

Technical features

Characteristics	Normative	Unit	Symbol	Class	Value
Compressive strength	EN 826	kPa	CS(10)	-	80
Bending Strength	EN 12089	kPa	BS	-	125
Tensile strength perpendicular to faces	EN 1607	kPa	TR	-	200
Reaction to fire	EN 13501- 1		Euro-Class	E	E
Water absorption by total immersion	EN 16535	%	WL(T)	-	$\leq 2,5$
Water absorption by partial immersion	EN 16535	kg/m ²	WL(P)	-	$\leq 0,1$
Length	EN 822	mm	l	L(2)	± 2
Width	EN 822	mm	b	W(2)	± 2
Thickness	EN 823	mm	d	T(2)	± 2
Squareness on length and width per meter	EN 824	mm	S	S(2)	± 2
Flatness	EN 825	mm	P	P(3)	3

Thickness	Declared thermal conductivity	Thermal Resistance
dN (mm)	$\lambda_D \text{ (W / m.K)}$	RD (m ² . K / W)
30.00	0.030	1.00
40.00	0.030	1.33
50.00	0.030	1.67
60.00	0.030	2.00
70.00	0.030	2.33
80.00	0.030	2.67
90.00	0.030	3.00
100.00	0.030	3.33

of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

Other information

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 Zertifiziert nach DIN EN ISO 9001



Notes

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