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PRODUCT DATA SHEET



2164

TS EN 13164

POLPAN-Smooth

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PRODUCT DESCRIPTION	Extruded Polystrene (XPS) Thermal Insulation Boad in characteristic yellow colour-Roof type			
USAGE	Both sides of Polpan board are smooth. Polpan boards are applied every kind of flat roofs			
APPLICATION METHOD	Polpan boards are laid loose, with edges not glued, in straggered manner.			
STORAGE	Bundles stored away from direct sunlight			
ECOLOGICAL DATA	Can be used in natural atmosphere			
TEST	METHOD	UNIT	TOLERANCE	VALUES
THICKNESS	TS EN 823	mm	T1	20
THERMAL RESISTANCE (R _D)	TS EN 12667 / TS EN 12939	m ² °K/W	Min.	0,55
THERMAL CONDUCTIVITY (λ _D)	TS EN 12667 / TS EN 12939	W/m °K	Max.	0,035
LONG TERM WATER ABSORPTION	TS EN 12087	%	-	WL(T)0,7
VISIBLE DEFECTS	TS 11989 EN 13164	-	-	NONE
COMPRESSIVE STRENGTH	TS EN 826	kPA	Min.	CS (10/Y)150
DEFORMATION UNDER SPECIFIED TEMPERATURE AND MOISTURE (at 23±2°C and 90±5 moisture)	TS EN 1604	%	Min.	2
DEFORMATION UNDER SPECIFIED TEMPERATURE AND LOAD	TS EN 1604	%	Min.	DLT(1)5 DLT(2)5
FIRE RESISTANCE	TS EN 13501-1	-	-	E
DIMENSIONS-WIDTH	TS EN 822	mm	±8	600
DIMENSIONS-LENGTH	TS EN 822	mm	±10	1200
FREZE-THAW STRENGTH	TS EN 12091	%	-	FT2
SQUARENESS	TS EN 824	mm/m	Max.	5
FLATNESS	TS EN 825	mm	Max.	14

NPD = (No performance defined)

* For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet

The manufacturer serves the right to modify, at any time, the characteristics of its products

BF/14-17-0