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# PRODUCT DATA SHEET



2164

TS EN 13164

## POLPAN-Smooth-150

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<b>PRODUCT DESCRIPTION</b>	Extruded Polystrene (XPS) Thermal Insulation Board in characteristic yellow colour- Roof type					
<b>USAGE</b>	Both sides of Polpan board are smooth. Polpan boards are applied every kind of flat roofs					
<b>APPLICATION METHOD</b>	Polpan boards are laid loose, with edges not glued, in straggered manner.					
<b>STORAGE</b>	Bundles stored away from direct sunlight					
<b>ECOLOGICAL DATA</b>	Can be used in natural atmosphere					
TEST	METHOD	UNIT	TOLERANCE	VALUES		
THICKNESS	TS EN 823	mm	T1	30	40	50
THERMAL RESISTANCE (R <sub>D</sub> )	TS EN 12667 / TS EN 12939	m <sup>2</sup> °K/W	Min.	0,85	1,1	1,4
THERMAL CONDUCTIVITY (λ <sub>D</sub> )	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

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