

PRODUCT DATASHEET



PAROC XES 200j

Frost insulation (Ecoprim)

Slab made of extruded polystyrene cellular plastic (XPS) with rebated edges

Cold and freezer-store insulation, floating floor and sandwich structures, floating landing stages. Concrete roofs, terraces, courtyard decks, parking, etc where normal loads are expected, insulation of outer cellar walls with high soil pressure. Edge shape: Folded.

Package Type

Approval: CE-marked (EN 13164)
Package on pallet

DIMENSIONS	
WIDTH X LENGTH	THICKNESS
585 x 1185 mm	50 mm
585 x 1185 mm	70 mm
585 x 1185 mm	100 mm

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Reaction to Fire, Euroclass	F	EN 13164:2012 (EN 13501-1)
Continuous Glowing Combustion	NPD	EN 13164:2012
THERMAL PROPERTIES		
Thickness (mm)	Thermal Conductivity λ_D / Thermal Resistance R_D	
50	0,035 W/mK / 1,45 K/W	EN 13164:2012
70	0,035 W/mK / 2,00 K/W	EN 13164:2012
100	0,037 W/mK / 2,70 K/W	EN 13164:2012
Thickness Tolerance, T	T1	EN 13164:2012 (EN 823)
MOISTURE PROPERTIES		
Water Absorption, Long Term WL(T), Wlt	$\leq 0,7$ Vol %	EN 13164:2012 (EN 12087)
Water Absorption, Long Term by Diffusion WD(V)	≤ 1 Vol %	EN 13164:2012 (EN 12088)
MECHANICAL PROPERTIES		
Compressive Stress or Compressive Strength CS(10Y), σ_{10} , σ_m	200 kPa	EN 13164:2012 (EN 826)
EMISSIONS		
Release of Dangerous Substances	No emissions	EN 13164:2012
DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING/DEGRADATION		
Compressive Creep $CC(i_1/i_2/y)\sigma_c, X_{ct}$	CC(2/1,5/50)90	EN 13164:2012 (EN 1606)
DURABILITY OF FIRE AND THERMAL PROPERTIES		
Durability of Reaction to Fire Against Heat, Weathering, Ageing/Degradation	NPD	
Durability of Thermal Resistance Against Heat, Weathering, Ageing/Degradation	Do not change	
Freeze-thaw Resistance	FTCD2	



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