

## PRODUCT DATASHEET



### PAROC XES 200

#### Frost insulation (Ecoprim)

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

Cold and freezer-store insulation, floating floor and sandwich structures. Insulation of foundations, marginal beams, water supply and sewage pipes, ice rinks etc where normal loads are expected. Edge shape: Straight.

#### Package Type

Approval: CE-marked (EN 13164)

Package on pallet

DIMENSIONS	
WIDTH X LENGTH	THICKNESS
600 x 1200 mm	50 mm
600 x 1200 mm	70 mm
600 x 1200 mm	100 mm

## Properties

PROPERTY	VALUE	ACCORDING TO
<b>FIRE PROPERTIES</b>		
Reaction to Fire, Euroclass	NPD	EN 13164:2012+A1:2015 (EN 13501-1)
<b>THERMAL PROPERTIES</b>		
Thickness (mm)	Thermal Conductivity $\lambda_D$ / 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+A1:2015 (EN 823)
<b>MOISTURE PROPERTIES</b>		
Water Absorption, Long Term WL(T), Wlt	0,7 Vol %	EN 13164:2012+A1:2015 (EN 12087)
Water Absorption, Long Term by Diffusion WD(V)	1 Vol %	EN 13164:2012+A1:2015 (EN 12088)
<b>MECHANICAL PROPERTIES</b>		
Compressive Stress or Compressive Strength CS(10\Y), $\sigma_{10}$ , $\sigma_m$	200 kPa	EN 13164:2012+A1:2015 (EN 826)
<b>DURABILITY OF COMPRESSIVE STRENGTH AGAINST AGEING/DEGRADATION</b>		
Compressive Creep $CC((1/12/y)\sigma_c, X_{ct})$	CC(2,15/50)90	EN 13164:2012+A1:2015 (EN 1606)
<b>DURABILITY OF FIRE AND THERMAL PROPERTIES</b>		
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	EN 13164:2012+A1:2015 (12091)



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