

## PAROC XES 200

### Frost insulation (Ecoprim)



#### Short Description

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

#### Application

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.

Approval: CE-marked (EN 13164)

### Dimensions

Dimensions	
Width x Length	Thickness
600 x 1200 mm	50 mm
600 x 1200 mm	70 mm
600 x 1200 mm	100 mm

### Packaging

Package Type: Package on pallet

### Fire Properties

Reaction to Fire		
Property	Value	According to
Reaction to Fire, Euroclass	F	EN 13164:2012 (EN 13501-1)

### Thermal Properties

Thermal Resistance		
Property	Value	According to
Thickness Tolerance, T	T1	EN 13164:2012 (EN 823)

Thermal Properties		
Property	Value	According to
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

## Moisture Properties

Water Permeability		
Property	Value	According to
Water Absorption, Long Term WL(T), Wlt	0,7 Vol %	EN 13164:2012 (EN 12087)
Water Absorption, Long Term by Diffusion WD(V)	1 Vol %	

## Mechanical Properties

Compressive Strength		
Property	Value	According to
Compressive Stress or Compressive Strength CS(10Y), $\sigma_{10}$ , $\sigma_m$	200 kPa	EN 13164:2012 (EN 826)

## Durability

Durability of Compressive Strength against Ageing/Degradation		
Property	Value	According to
Compressive Creep $CC(i1/i2/y)\sigma_c, X_{ct}$	CC(2,15/50)90	EN 13164:2012 (EN 1606)

Freeze-thaw Resistance

FTCD2

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