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PAROC XES 200j

Frost insulation (Ecoprim)





Short Description

Application

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

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Cold and freezer-store insulation, floating floor and sandwich structures, floatinglanding 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.

Approval: CE-marked (EN 13164)

Dimensions

Dimensions		
Width x Length	Thickness	
585 x 1185 mm	50 mm	
585 x 1185 mm	70 mm	
585 x 1185 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)

Continuous Glowing Combustion		
Property	Value	According to
Continuous Glowing Combustion	NPD	EN 13164:2012

Thermal Properties

Thermal Resistance		
Property	Value	According to

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Thickness Tolerance, T	T1	EN 13164:2012 (EN 823)

Thermal Properties			
Property	Value	According to	
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	

Moisture Properties

Water Permeability		
Property	Value	According to
Water Absorption, Long Term WL(T), WIt	≤ 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(10\Y), σ_{10} , σ_{m}	200 kPa	EN 13164:2012 (EN 826)

Emissions

Release of Dangerous Substances to the Indoor Environment			
Property	Value	According to	
Release of Dangerous Substances	No emissions	EN 13164:2012	

Durability

Durability of Compressive Strength against Ageing/Degradation		
Property	Value	According to
Compressive Creep CC(i1/i2/y) σ_c , X_{ct}	CC(2/1,5/50)90	EN 13164:2012 (EN 1606)

Freeze-thaw Resistance FTCD2

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