



Product Data Sheet

350mm Amvic ICF - White EPS

Standard Form White Bead BASF Styropor or Ineos Nova Equivalent.

Layer Surface	Thickness m	Conductivity W/mK	Resistance m ² K/W
<i>External Surface</i>			0.040
<i>External Render</i>	0.013	1	0.013
<i>External EPS</i>	0.100	0.034	2.941
<i>Concrete</i>	0.150	2	0.075
<i>Internal EPS</i>	0.100	0.034	2.941
<i>Plasterboard</i>	0.013	0.21	0.060
<i>Internal Surface</i>			0.130

Wall Thickness mm 375.5

Total Resistance R	m²K/W	6.200
U Value	W/m²K	0.161

Manufactured to IS EN 13163:2012 + A2:2016.

Dimensions mm	
Length mm	1200
Width mm	350
Height mm	400

Physical Properties

Property	Test Method	Value
Declared Thermal Conductivity	IS EN 12667	.034W/mK
Compressive Strength	IS EN 12667	150kN/m ²
@10% Deformation		
Bending Strength	IS EN 12089	200kN/m ²
EPS Density	IS EN 1602	Min 24Kg/m ³
Reaction to Fire	IS EN 13501-1	Euroclass E
Water Vapour Permeability	IS EN 12086	33g/m ² /Day
Water Absorb. Partial Immersion	IS EN 12087	0.04Kg/m ²
Water Absorb. Total Immersion	IS EN 12087	1.80%

In accordance with our policy of continuous product improvement, Amvic Ireland reserves the right to change the specification of Amvic Insulation Concrete Formwork at any time without notice.

Nov 21.