



U-Value Calculation Amvic 330 Form

Reference: Mr John Prendergast,
Polar Construction,
Knapton Lawn,
Monkstown,
Co Dublin

Grey EPS

330mm Amvic ICF

Standard Form Grey Bead BASF Neopor or Ineos Nova Equivalent.

Layer Surface	Thickness m	Conductivity W/mK	Resistance m²K/W
<i>External Surface</i>			0.040
<i>External Stone</i>	0.600	2.00	0.300
<i>Cavity</i>	0.050		0.180
<i>External EPS</i>	0.064	0.031	2.065
<i>Concrete</i>	0.200	2.00	0.100
<i>Internal EPS</i>	0.064	0.031	2.065
<i>Plasterboard</i>	0.013	0.21	0.060
<i>Internal Surface</i>			0.130
<i>Wall Thickness mm</i>	990.5		

Total Resistance R	m²K/W	4.939
U Value	W/m²K	0.202

Corrected U-Value

0.20W/m²K

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