

AMVIC ICF

Insulating Concrete Formwork System



High Performance Building

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Amvic Building Solutions Ltd

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Photo by AndyHaslam.com

Amvic Technical Data

	Amvic 280	Amvic 330
Length of form (mm)	1200	1200
Height of form (mm)	400	400
Width of form (mm)	280	330
Width of concrete core (mm)	150	200
Volume of concrete / m ² of forms (m ³)	0.15	0.20
U-Value of Neopor (NPR) form (W/m ² K)	0.22	0.22
U-Value of NPR form + Amvic EWIP* (W/m ² K)	0.15	0.15
U-Value of NPR form + 2x Amvic EWIP (W/m ² K)	0.11	0.11

* Amvic External Wall Insulation Panel

House Building | Basement Construction | Commercial | Industrial

Why Use Amvic?

Design Flexibility

The Amvic ICF system makes it easy to design beautiful homes and buildings without compromising on the quality of the build. Curved walls, rooms below ground, open plan design and large openings are just some of the features that using Amvic can simplify.

Low Running Costs

The Amvic ICF forms provide high levels of thermal insulation, whilst the concrete core within the Amvic system helps reduce internal temperature fluctuations and air leakage. As a result, energy bills are significantly reduced and drafts, cold spots (caused by thermal bridging) and wall surface condensation are eliminated.

Peace & Quiet

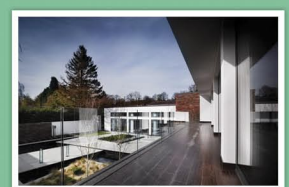
An Amvic ICF wall provides exceptional sound insulation. The solid concrete core reduces transmitted noise levels by up to 50% compared with timber frame construction, ensuring peace and quiet within the home.

Low Maintenance

Amvic homes are extremely strong and better able to withstand natural hazards such as wind, fire and flood. Amvic structures do not rot, and are not susceptible to damage caused by animals or insects.

Safe & Secure

Comprising of solid concrete and flame retardant grade polystyrene, Amvic ICF walls deliver a three hour fire rating. Consequently, Amvic ICF homes provide much greater safety with better fire resistance.



Contact us to find out more...

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