



Design Guide

For

Fire

1. Introduction

This document is intended to act as a guidance to architects, engineers and other specifiers to meeting the requirements of TGD to Part B, Fire of the Building Regulations, 1997 to 2019, when using Amvic Insulating Concrete Formwork.

It seeks to address the common issues and queries which arise.

It is based on the NSAI IAB and BBA Certificates issued to Amvic Ireland and on the experience and details found acceptable in many thousands of projects completed to date. It is provided in good faith, without prejudice and no liability can be assumed or accepted for any errors or omissions.

As with all guidance documents, and indeed the Building Regulations, it does not and cannot address every possible scenario and the scope for professional judgement and discretion is assumed and expected.

This document is subject to review without notice, to take account of evolving regulations and experience.

2. Amvic ICF

Amvic Insulating Concrete Formwork is a shuttering system manufactured from flame retardant Expanded Polystyrene which is used as formwork for the construction of insulated solid walls. ICF's have been available on the market for over 60 years in countries all over the world and have proven to be a simple, cost effective and robust solution for the construction of buildings of all types, in the most demanding of environments.

Their use is growing rapidly in Ireland, driven by the need for large numbers of high quality, highly insulated, durable and comfortable homes, cost effectively.