

PVC-U Double Glazing

Understanding the product

Introduction

PVC-U windows and doors with double glazed units are the main products fitted in both the new build and replacement market.

We all know what they look like and what they are meant to do i.e. keep the heat in, the elements out; open when you want them to and not when a burglar does.

This course is designed to give a practical understanding of:

- How they achieve their purpose
- Why they may not
- What the signs of failure are
- The likely remedies

This course is not about technical data. It provides practical knowledge and understanding with useful tips for real life situations.

Who should attend?

This course is designed for anyone who may in the course of their work need to inspect or otherwise consider the condition or performance of double glazed PVC-U windows and doors.

Additionally it will be valuable for individuals involved in property sales and general construction. Those involved with Double Glazing, including salesmen and purchasers, who wish to increase their "understanding" of the product, should also attend.

Course content

The frame

- Structure (the bits you can't see)
- Joints (good and bad)
- Reinforcing (or lack of it)
- Internal v/s External glazing
- Drainage routes and problems
- Ventilation options
- Fixing practises (good and bad)
- Defects

Glazing

- Sealed units (what are they really?)
- Safety glass types
- Fitting practises (good and bad)
- Defects

Product types and associated issues

- Casement windows
- Tilt & Turn windows
- Vertical sliding (sash) windows
- Residential (hinged) doors
- Sliding doors

Hardware features and issues

- Hinges and stays
- Handles
- Locks

Objectives

At the end of this session the participants will have an understanding of how PVC-U products should achieve their designed functions.

They will also know many of the reasons why these products may fail, be able to recognise many of the causes and be better able to recommend a corrective course of action.

Duration

This is a half day course

Other options are available on request.

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