

Project: 6 Lamb Hall Road HD3

Element: Replacement / New uPVC Windows

Frame Material

All windows to be manufactured from high-quality unplasticised polyvinyl chloride (uPVC), reinforced internally with galvanised steel where required for structural stability. Frames to be fully welded at joints for strength and weather resistance.

Frame Profile

- Multi-chambered profile (minimum 5 chambers)
- Frame depth: approximately 70 mm
- Slimline / standard profile to match existing openings (as applicable)
- Internally beaded for improved security

Finish & Colour

- External finish: Heritage light grey
- Internal finish: White
- Finish to be UV-stable and colourfast
- Appearance to match or complement existing property

Glazing Specification

- Double glazed sealed units
- 24 mm overall thickness
- Low-emissivity (Low-E) glass
- Argon gas-filled cavity
- Warm edge spacer bars

Safety glazing: Toughened or laminated glass to be installed where required in accordance with Building Regulations (Approved Document K).

Thermal Performance

- Whole window U-value: 1.4 W/m²K or better (or specify lower if aiming high performance)
- Windows to achieve minimum BFRC rating of A

Weather Performance

Windows to be designed and installed to resist:

- Air permeability
- Water tightness
- Wind load

In accordance with relevant British Standards.

Security

- Multi-point locking system
- Lockable handles
- Windows to meet PAS 24 (if required by planning or building control)

INSTALLATIONS

- Installation to be carried out by a FENSA or Certass registered installer
- Installed in accordance with manufacturer's guidelines and current Building Regulations
- All perimeter gaps to be sealed with appropriate expanding foam and sealant

Compliance

Windows and installation to comply with:

- BS 7412 (uPVC window standard)
- Relevant Building Regulations (Approved Documents L, F, K, and Q where applicable)

Design & Appearance

Window design (including opening style, sightlines, and proportions) to match existing property and surrounding context, unless otherwise approved.