

**PROPOSED MATERIALS FOR CLYDE COURT, LAPWING LANE, MANCHESTER**  
**EXTERNAL BUILDING MATERIAL FOR PLANNING CONDITION 3 DISCHARGE**

**1.0 FACING BRICKS;**

There are brick on all elevations. The appearance of existing brick has changed due to environmental pollution and dirt. We have reviewed the existing brick colour on different location of the building. We have also cleaned a section of brick work to prepare two photos that shows the colour and its variation in tone. In order to find the best match our client has requested a brick colour match to be produced by a brick manufacturer which does specialise in renovation of old exist building. The Furness brick company was established in 1845, Furness Brick is an independent family-run brick manufacturer, specialising in the production of traditional pressed, clamp, handmade facing bricks and pavers.

The proposed brick is the clamp Kilworth Blend by Furness which is best match to the existing colour blend and texture.

The properties of the 65mm Kilworth blend facing bricks satisfy the requirements for durability designation F2 (Severe) as detailed in BS EN 771-1: 2003. As such they are totally frost resistant when used in exposed locations where brickwork is likely to be subjected to repeated freeze/thaw cycling. They are therefore suitable for use below dpc. A very low soluble salts content (especially sulphates) ensures that facing bricks exhibit 'nil' efflorescence. The brick active soluble salt content grade is S2 with water absorption of 5%.



Washed existing brick on left side of the building



Existing brick colour tone on right side of the building



Kilworth blend brick sample by Furness



Kilworth blend brick colour tone photo

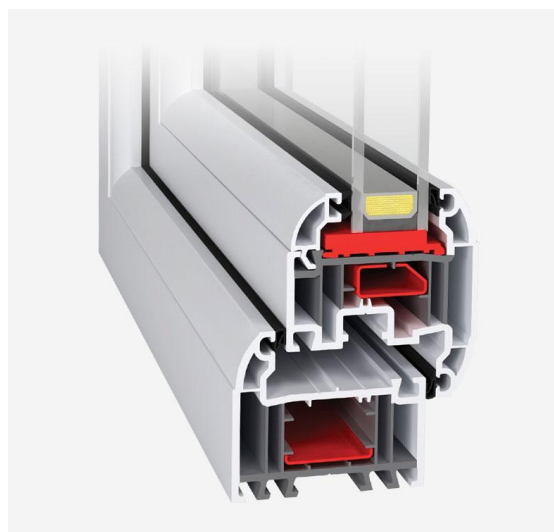
## 2.0 WINDOWS

The Ideal 70 window system or similar has been chosen for the project. IDEAL 70 is a fully integrated profile suite designed using the latest computer aided techniques combined with many years of experience. The result is a window and door system which meets the requirements of today's challenging marketplace and which will continue to excel in the future. IDEAL 70 is both attractive in appearance and effective in application. The fully sculptured profiles and matching glazing beads result in windows and doors with classic styling and tremendous appeal.

Advanced design affords IDEAL 70 a considerable degree of future proofing, allowing the system to take in its stride current trends and potential future requirements of UK Building Regulations. The fully integrated profile suite ensures that all IDEAL 70 product types harmonise beautifully on any elevation regardless of the style of property. The 70mm, five chamber window and door system has A++ WER rating and U values as low as 1.2W/m<sup>2</sup>k. The Ideal 70 windows and door can be manufactured to PAS24, Part Q and Secure by Design requirements.



Ideal 70 window photo



Ideal 70 window re-enforced profile

### 3.0 Roof

The existing building has slate roof finish. Thus, the proposed roof is based on natural slate finish. Lousaval is a dark blue/grey natural roofing slate which is produced from the La Fraguina mine by the German owned Grupo Cafersa. The slate is sold under their name Lousaval LV11 and LV15. Fully compliant under B.S. EN12326-1:2004 as A1,T1,S1 and carries a quarry guarantee of 50 years. Lousaval standard grade (5/7mm)

LV11 is a dark blue/grey natural roofing slate which is produced from the 'La Fraguina' mine, which is located close to Lousa in Spain. The 5mm slate is flat and smooth and in first grade is more or less pyrite free which achieves a very neat and even roof-line.

LV15 is a dark blue/grey natural roofing slate which is produced from the 'Valdemiguel' open-pit quarry. The 7mm dark slate has a riven texture and is more or less pyrite free, the appearance highlights the much loved properties of a natural slate.



Lousaval natural blue gray slate