



APPLICATION

Direct glazed fixed light frame to suite with open in windows and doors.

FUNCTION The fixed light can be used in vision areas and at spandrel locations as part of a screen assembly when opaque glazed or fitted with aluminium sandwich panels.

The frames can also be fitted with fixed blade aluminium louvres.

CONSTRUCTION

Composite construction combining extruded aluminium alloy profiles to EN AW 6060-T6 and close grained, laminated North European Redwood, Class J10/J30 in accordance with EN 942: 1996. Other timber species available.

Timber frame sections are precision machined and assembled with pinned and glued comb joints.

Mullions and transoms are assembled with mortice and tenon joints.

External aluminium frame profiles are assembled with sealed mitred joints by means of crimped angle cleats, bonded with PIB tape and mechanically fixed with stainless steel pins to internal timber members.

MANUFACTURE

All windows are purpose made to specification in accordance with EN 14351-1 : 2006

APPEARANCE

Aluminium profiles are chemically pre-treated and powder coated in any standard RAL colour and specified gloss level in accordance with BS6496: 1984.

Timber is fully factory finished with a 3 coat spray applied water based clear lacquer, paint to NCS/RAL specification or a wide range of stain finishes.



GLASS AND GLAZING

Windows are factory double or triple glazed to specification in accordance with BS6262: 1982 with 28mm or 36mm dual sealed units constructed to EN1279-2 : 2002 and safety glazed where applicable in accordance with BS6206: 1981 and Building Regulation 2000 Approved Document N.

Windows are externally bead glazed employing a drained and ventilated glazing system with sealed units incorporating warm edge composite super spacers and gas filling as standard. Sealed units are supported on setting blocks and dry glazed with EPDM gaskets.

All available high performance glass types can be specified to meet particular requirements for thermal insulation, acoustic attenuation, solar control, safety and security.

Alternatively frames can be supplied with a variety of non vision sandwich panels or fixed aluminium louvres.

PERFORMANCE

All Westcoast windows can be considered as genuinely high performance. Window size, glazing and other factors however directly affect performance levels.

Westcoast technical support staff should be contacted if particular data is required or for advice on how to achieve the most cost effective solution for specific performance targets.

WEATHERTIGHTNESS

Windows comply with the following performance standards when tested in accordance with:
EN 1026:2000 (air permeability)
EN 1027:2000 (watertightness)
EN 12211:2000 (wind resistance).

Air Permeability: Class 4 (600Pa)
in accordance with EN 12207:2000

Watertightness: Class 8A (600Pa)
in accordance with EN 12208:2000

Wind Resistance: Class 3 (600Pa) Dynamic
(1200Pa) Static
(1800Pa) Impact
Frame Deflection C (< 1/300)
in accordance with EN 12210:2000

THERMAL INSULATION

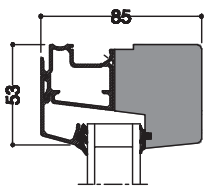
Windows can be glazed to achieve whole window 'U' values as low as 0.86W/m²K (calculated in accordance with EN ISO 10077-1 and 10077-2).

ACOUSTIC ATTENUATION

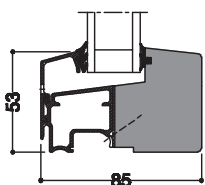
Double glazed windows can be specified to achieve sound reductions in a range of 31dB(R_w) to 44dB(R_w).

SECURED BY DESIGN

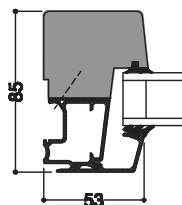
Windows have been tested to comply with BS7950: 1997 Specification for enhanced security performance.



Head Ref : FK071



Sill Ref : FK072



Jamb Ref : FK

INSTALLATION

Windows are supplied to site fully factory finished and glazed for installation into prepared openings. A comprehensive design and installation service is offered.

MAINTENANCE

Window maintenance is limited to periodic washing of external aluminium and glass surfaces with water containing a mild detergent and in the case of internal timber, cleaning with a damp cloth or polishing.

Scale 1:4

