

L10 WINDOWS

320 STEEL WINDOWS:

- Manufacturer and reference: Crittall Windows Limited, **Homelight® Plus Residential**.
- Windows generally manufactured in accordance with BS 6510
- Weathertightness: To BS 6375: Part 1. Exposure category (design wind pressure): 2000 (Pa).
- For air permeability, water-tightness and wind resistance data see Table AA
- Operation and strength characteristics: To BS 6375: Part 2.
- Construction: All frames have welded corners and are flat and square within normal manufacturing dimensional tolerances of $\pm 1.5\text{mm}$.
- Galvanising: All components including steel attachments, coupling members and ancillaries to be hot dipped after manufactured to BS EN ISO 1461:1999.
- Glazing details: Thicknesses up to 24mm DG units

DG units to have a maximum centre pane U value of $1.2 \text{ W/m}^2/\text{K}$ compliant with Building Regulation Part L 2010

- Weatherstripping: Pressure equalised and fitted with twin gaskets (external rainscreen/internal air seal) in a co-extrusion with hot melted adhesive applied.
- Ironmongery/accessories: Clause 328.
- Finish as delivered: Galvanised and Duralife® polyester powder coated (see clause 331).

325 STEEL WINDOWS:

- Manufacturing undertaken in a factory sited in the UK and within 100 mile radius of the site to minimise the carbon footprint of the window renewal programme.
- Design, manufacture and installation carried out under a Quality Management System certified to BS EN ISO 9001
- Manufacture to be undertaken under an Environmental Management System accredited to BS EN ISO 14001.

328 IRONMONGERY/ACCESSORIES:

331 FINISH COATING

- Type/reference: Epoxy free Duralife® polyester powder coating using Interpon D36 powder to BS EN ISO 13438.
- Preparation: Following galvanising, windows are chemically cleaned and pre-treated to provide surface to which powder coating will adhere.

**CRITTALL WINDOWS NBS SPECIFICATION
HOMELIGHT® PLUS RANGE**



- Covering: Minimum 60 microns on all significant surfaces.
- Colours: Wide selection available. See Crittall Colour Selector.
- Process: Coating must be undertaken in the same manufacturing plant as the frame fabrication.

810 SEALANT JOINTS

- External perimeter sealant to be Adshad Ratcliffe Arbosil 1096 or 1090 low modulus neutral cure silicone sealant to BS5889 Type A: 1999

Table AA

TYPE OF OPENING LIGHT Homelight® Plus	EXPOSURE CATEGORY (Pa)	AIR PERMEABILITY: Not More Than 16m ³ /h/m JOINT, AT (Pa)	WATER TIGHTNESS: NO LEAKAGE, AT (Pa)	WIND RESISTANCE: NO DAMAGE & ONLY PERMISSABLE DEFLECTION, AT (Pa)
Side Hung Open Out	2000	300	200	2000
Top Hung Open Out	2000	300	200	2000