

**L10 - WINDOWS**

**316 STEEL WINDOWS AND DOORS:**

- Manufacturer and reference: Crittall Windows Ltd, **Homelight® Plus** range
- Generally manufactured in accordance with BS 6510
- Weathertightness: To BS 6375: Part 1  
Exposure Category (Design Wind Pressure): 1200/2000 (Pa)
- For air permeability, watertightness 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 +/- 1.5mm
- Galvanizing: All components including steel attachments, coupling members and ancillaries: hot-dipped after manufacture to BS EN ISO 1461
- Glazing details: Will accept double glazing up to 24mm in thickness  
Glazing beads present no horizontal ledges on which dust and dirt can gather
- Weatherstripping: Fitted with co-extruded double weatherstrips (external rainscreen, internal air seal)
- Ironmongery/accessories: See clause 328
- Finish as delivered: Galvanized and Duralife™ polyester powder coated (see clause 331) in a range of colours

**325 STEEL WINDOWS AND DOORS:**

- Generally, all the foregoing
- Manufacturing undertaken in the UK-sited Crittall manufacturing plant by directly employed personnel
- Design, manufacture and installation carried out under a Quality Management System certified to BS EN ISO 9001
- Manufacturing undertaken under an Environmental Management System certified to BS EN ISO 14001

**328 IRONMONGERY/ACCESSORIES:**

- Standard provisions: See Brochure
- Security: Windows and doors: Available in a configuration tested to PAS 24
- Standard finishes: RTD (Bronze Effect) or Satin Chrome
- Optional hardware/finishes: Available, consult Crittall

# CRITTALL WINDOWS NBS SPECIFICATION HOMELIGHT® PLUS RANGE



## 331 FINISH COATING

- Type/reference: Epoxy free Duralife® polyester powder coating, using Interpon D36 powder
- To BS EN ISO 13438
- Preparation: Following galvanizing, windows are chemically cleaned and pre-treated to provide a surface to which powder coating will adhere
- Covering: Minimum 60 microns on all significant surfaces
- Colours: Wide selection available. See Crittall Duralife® Standard Colour Guide
- Process: Coating will be undertaken in the same manufacturing plant as the frame fabrication

## 470 SEALANT:

- Joint surfaces are to be clean, grease / dust free and prepared in accordance with the sealant manufacturer's recommendations
- Glazing top-capping, perimeter sealant and coupling sealant is to be a neutral cure, low modulus silicone compliant with BS 5889 Type A 1989

## 552 METAL GLAZED SCREENS:

- Screens/coupled assemblies are available, utilising all Crittall ranges
- A full design/advice service is available
- Coupling details; consult Crittall

**Table AA**

TYPE OF HOMELIGHT PLUS WINDOW OR DOOR	EXPOSURE CATEGORY (Pa)	AIR PERMEABILITY: Not more than 16m <sup>3</sup> /hr/m Joint at (Pa)	WATER- TIGHTNESS: No leakage at (Pa)	WIND RESISTANCE: No damage & only permissible deflection at (Pa)
Side Hung Open Out	2000	300	200	2000
Projecting Side Hung Open Out	2000	300	200	2000
Top Hung Open Out	2000	300	200	2000
Projecting Top Hung Open Out	2000	300	200	2000
Door – Open Out (rebated outer frame)	1200	300	100	1200
<b>Notes:</b> <ol style="list-style-type: none"> <li>1. Door performance relates to both single and double doors</li> <li>2. Should greater project weather performance be required, please refer to Crittall Technical for advice</li> </ol>				