

## CRITTALL WINDOWS NBS SPECIFICATION HOMELIGHT™ RANGE

### L10 WINDOWS

#### 320 STEEL WINDOWS AND DOORS:

- Manufacturer and reference: Crittall Windows Limited, **Homelight™ Residential**.
- Windows - generally manufactured in accordance with BS 6510 F section.  
\* Doors generally manufactured in accordance with BS 6510, W20 section.
- 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: hot dipped after manufactured to BS EN ISO 1461:1999.
- Glazing details: Will accept double glazing up to 16mm in thickness (excepting 'H' Small Pane and certain 'N' & 'Z' range casements, see catalogue/brochure/ask for details).  
Glazing beads (optional for single glazing) present no horizontal ledges on which dust and dirt can gather.
- Weatherstripping: Dual fin gaskets in extruded PVC secured by studs clipped into inner frame sections.
- Ironmongery/accessories: clause 328.
- Finish as delivered: Galvanised or Duralife™ coated (see clause 331) in a range of colours.

#### 322 STEEL WINDOWS:

- Manufacturer and reference: Crittall Windows Limited, **Homelight™ Reversible**.
- Generally manufactured in accordance with BS 6510, exclusively designed sections for double glazed versions, otherwise F section.
- Weathertightness: To BS 6375: Part 1.  
Exposure category (design wind pressure): 2400 (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: Hot-dipped after manufacture to BS EN ISO 1461:1999.
- Glazing details: Will accept double glazing up to 16mm in thickness.  
Glazing beads present no horizontal ledges on which dust and dirt can gather.
- Weather-stripping: Gaskets complying with BS 4255: Part 1 manufactured from neoprene.
- Ironmongery/accessories: Safety catch, storm catch, handle and face applied friction pivots.
- Finish as delivered: Galvanised or Duralife™ (see clause 331) in a range of colours.

Date: 16/04/07

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## CRITTALL WINDOWS NBS SPECIFICATION HOMELIGHT™ RANGE

### 325 STEEL WINDOWS AND DOORS:

- Generally all the foregoing.
- Manufacturing undertaken in the Crittall factory by directly employed personnel.
- Design testing, manufacture and installation carried out under Quality Management Systems certified to BS EN ISO 9001.

### 328 IRONMONGERY/ACCESSORIES:

- Standard provisions: See brochure/binder.
- Homelight™ range hinges, handle plates, stay pegs and brackets are made of steel and are welded to the frames.
- Reversible windows are hung on steel friction pivots welded to the frames.
- Standard finishes: Satin anodised or satin chrome according to fitting.
- Optional hardware/finishes: Available, consult Crittall.

### 331 FINISH COATING

- Type/reference: Epoxy free Duralife™ polyester powder coating using Interpon D36 powder to BS 6497.
- Preparation: Following galvanising, windows are chemically cleaned and pre-treated to provide surface to which powder coating will adhere.
- Covering: Minimum 60 microns on all significant surfaces.
- Colours: Wide selection available. See Crittall Colour Selector.
- Process: Coating will be undertaken in the same manufacturing plant as the frame fabrication.

### 552 METAL GLAZED SCREENS:

- Screen/composite window assemblies are available using all Crittall ranges.
- A full design/advice service is available.
- Coupling details: Consult Crittall.

*Table AA*

TYPE OF OPENING LIGHT	EXPOSURE CATEGORY (Pa)	AIR PERMEABILITY: Not More Than 16m <sup>3</sup> /h/m JOINT, AT (Pa)	WATER TIGHTNESS: NO LEAKAGE, AT (Pa)	WIND RESISTANCE: NO DAMAGE & ONLY PERMISSABLE DEFLECTION, AT (Pa)
<b>Homelight™</b>				
Side Hung Open Out	2000	300	200	2000
Top Hung Open Out	2000	300	200	2000
Reversible	2400	300	400	2400

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