

CRITTALL WINDOWS CORPORATE W20 PRISON WINDOW
NBS SPECIFICATION

L10 - WINDOWS

316 STEEL WINDOWS:

- Manufacturer and reference: Crittall Windows Ltd, **Corporate W20 range**
- Generally manufactured in accordance with BS 6510, W20 section.
- Weathertightness: To BS 6375: Part 1
Exposure category (Design wind pressure): 2000 Pa
- Air permeability: <16m³/h/m
- Water-tightness: No gross leakage @ 300Pa
- Wind resistance/Strength of Materials: N.P.D @ 2000 Pa
- 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 +/- 1.5 mm. Intermediate bars are hot tenon riveted.
- 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 14 mm in thickness.
Glazing beads: Beads utilised are Home Office Approved.
- Weatherstripping: Gaskets complying with BS 4255: Part 1 manufactured from neoprene secured into grooves of opening frame with adhesive.

325 STEEL WINDOWS:

- Generally all the foregoing [316-324 inclusive]
- 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: Frames fitted with shortened grip prison handle with shake proof screw and flat washer concealed by a stainless steel shroud. Handle plate restricts rotation to 50°. A restrictor at head and sill restricts opening to 35° (variable to suit requirements)
- Hinging: Manufactured from hot rolled steel profiles incorporating friction inserts adjustable by threaded stainless steel hinge bolts with friction grip-nuts.

CRITTALL WINDOWS CORPORATE W20 PRISON WINDOW
NBS SPECIFICATION

331 FINISH COATING

- Type/reference: Epoxy free polyester powder coating using Interpon D25 powder, Duralife.
- 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.