

## HINCHLIFFE SYSTEM 75SG

### SCOPE

The specification defines the materials, construction and finish of the Hinchliffe system 75SG structural silicone glazed curtain wall system.

### MATERIALS

Aluminium profiles are extruded from alloy 6063 T6 complying with the recommendations of BS 1474 1987.

Does the copy need rewriting in format / style sections as Alarbond & Alarclad etc?

Illustration required

### DESIGN

The back drained system incorporates drainage, ventilation and pressure equalisation. The semi-unitised framing which house the glass units are mitred, glued and crimped and frames are designed principally for factory structural silicone glazing.

Mullion and transom stick frame profiles plus corner profiles provide a full range of structural and aesthetic options. Transoms overlap at the mullion connection and are mechanically fixed through cast aluminium shear blocks.

Sponge EPDM gasketry to achieve maximum compression and superior weathering. Opening ventilators are available to insert into the system

### FINISH

Available in Mill finish

Polyester Powder coat paint to BS6496: 1984 to the full RAL range available.

The following standards are complied with BS 5750 1987 ISO 9001 for extrusions.

BS 5368 method of testing.

BS 8200 external building enclosures.

### GLAZING

Insulated units can be accommodated up to 28mm thickness and glass must conform to BS6262. The edge seal of the unit must be compatible with other seals or materials that it may contact with.

The glass is bonded to the carrier frame by specialists in a controlled environment using Dow Corning Hansil structural silicone adhesive and spacer tapes.

The area of bond and area of edge seal of any double glass sealed units is calculated to suit the weight, dimensions and exposure of the bonded unit or panel.

A strict regime of batch testing of the applied bond and the adhesive product is operated by the specialist and adhesive manufacturer. The test results and certificates of conformity are made available for publication with project documentation.

### PERFORMANCE

Watertightness - Tested in accordance with AAMA 501.3-94

AM Profiles Ltd reserve the right to change designs and specification without prior notification.