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# GENERAL PRODUCT SPECIFICATIONS

## Vitraflex Bathroom Signage Panels

(Document Reference CC/GPS/BSP/01 Rev. 1 April 2010)

(E&OE - Document and content subject to change without prior notice)

Vitraflex Bathroom Signage Panels form part of a versatile and flexible modular system, offering maximum space utilization for an unlimited range of layouts and applications:

- Toilet cubicles.
- Shower cubicles.
- Combination Shower and Changeroom cubicles with benches.
- Changeroom cubicles with benches.
- Urinal screens.
- Privacy (Modesty) screens.
- Special facilities - nursery schools, disabled toilets, Asian toilets.
- Vanities (Type AF and Type PB2010).
- **Bathroom Signage Panels** (specifications detailed hereunder).

Please note that the use of *italics* in the text indicates the need for an appropriate selection to be made by the Specifier:

Proprietary **Vitraflex Vitreous Enamelled Steel Bathroom Signs** consisting of:

### (1) Panels:

- Fabricated Plate** - Front plate of 1.5 mm enamelling quality steel, vitreous enamelled to a standard Vitraflex colour to the front face and with standard vitreous enamel base coat to rear.
- Flange Returns** - Panels to have double return flanges (40 mm + 20 mm) all around. Outside radius of the return bend on the return flanges to be  $R_{\text{OUTSIDE}} = 3.6$  mm (finished or enamelled dimension).
- Core** - Core of 12 mm Calcium Silicate.
- Back Plate** - Back plate of 0.5 mm galvanised mild steel.
- Protection** - Vitreous enamelled steel face of front plate to be covered with removable protective plastic foil.



Member of the Institute  
of Vitreous Enamellers (IVE)

ISO 9001:2000 accredited  
Quality Management System



Directors

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Reg. No. 83/13778/07

- vi. **Edge Detail** - Panel edges taped all round with a pressure sensitive polyethylene cloth tape. Perimeter of core against return flanges sealed with silicone sealant.

**(2) Substructure:**

- i. **Panel Fixing Detail** - Cladding panels to be secured to a suitable sub-structure by means of proprietary brackets.
- ii. **Substructure** - Appropriate mild steel sub-structure complete with brackets and adjustment elements, all in a *painting (red oxide) / hot dip galvanised* finish, to be secured to *brickwork / reinforced concrete*.

**(3) Vertical Joint (if applicable):**

- i. **Vertical Panel Joint Detail** - *Open joint ( \_\_\_ mm) (The width of the joint between the panels is to be specified. Minimum size of joint 5 mm) / Closed joint (15 mm) (Silicone <sup>(1)</sup> and polycord).*

The vitreous enamelled steel surface is to be guaranteed to perform specifically to the functions for which it was intended, and to remain functionally unchanged for a period of ten (10) years, under the terms of the general Vitraflex Guarantee.”

**(A) Specification Notes:**

*Refer to the numbered references in the specification text above.*

- (1) Silicone to be in one of the commercially available colours.

**(B) Technical Notes:**

- a. Details of the graphics to be incorporated in the design of the panels would need to be clearly specified in the tender documentation and all relevant artwork (positives) required for the preparation of the screening (graphics) must be made available by the Client, where applicable in accordance with their Identity Programme, and in an appropriate format (Corel Draw or Macromedia).
- b. Vitraflex bathroom signage panels are manufactured with a maximum face width of 1160 mm. The maximum height of the panels is 3000 mm, however the recommended maximum panel height is 2400 mm.
- c. The individual bathroom signage panels need to be identified, sized and specified in the BOQ documentation:
  - i. Bathroom Sign Panels *Width* mm wide x *Height* mm high complete with *(details of graphics)*  
Unit of measure = No.

- d. In addition to the Vitraflex standard colour range, where specific colours need to be matched in enamel, this is done in accordance with good enamelling practice, after ensuring that the colours are proven stable under production conditions and as close as technically possible to the required colour. In addition, specific enamel thickness requirements need to be met (ideally the overall enamel thickness should be  $\pm 300 \mu\text{m}$ ) and allowance must be made for two (2) cover coats, over and above the general ground coat (black). Colours are matched progressively on a trial and error basis. Please refer to the Vitrex Document Ref. CC/CM/01 "Colour Matching in Enamel" for further details.
- e. Our staff and Agents remain available to address any queries, provide project specific recommendations as well as to assist with sizing and take-offs from the relevant drawings. We would then also be in a position to draw up an itemised component schedule and prepare a corresponding estimate for the proposed scope of work.