

SPECIFICATION FOR FABRICATED **CHANNEL MOUNTED TYPE HANDSTOPS**

SPECIFICATION No **0008-SGCHS**

Frame shall be frame manufactured from welded rigid mild steel channel sections to mild steel grade 43A BSEN 10025:S275 JOH 1997/J2H 1994, stainless steel grade 304/316 BSEN10088-2 (1.4301/1.4307-1.4401/1.4404) and shall have removable stainless steel 304/316 BSEN10088-2 (1.4301/1.4307-1.4401/1.4404) which allows easy removal of the log. The base of the frame will have neoprene flush invert seal.

The frame will be suitable for grouting into prepared channel rebate.

The seating side of the frame shall have resilient Composite seals to the sides; seals shall be bonded to the frame.

The door shall be manufactured from UPVC to BS3757:1978/ polyethylene to BS ISO 15527:2010 shall comprise a main sealing plate with reinforcement as required.

The maximum water depth will be door depth.

A 'T' section door lift bracket or suitable sized hand hole shall be provided at the top of the door.

Installation of the Hand stops will be by electro zinc plated mild steel BS 7371-8:2011 or stainless steel grade A4 BSEN10088-2 (1.4401/1.4404) expanding anchors. Following installation final adjustment and initial lubrication is to be undertaken and the door operated through one cycle (or as recommended by the manufacturer). If considered necessary by the client's representative a leakage test shall be undertaken at the maximum specified head. The maximum allowed leakage will be 0.5 litres/hour per metre of door seating perimeter.

Mild steel parts will be coated in-accordance with the following:-

Blast clean SA2½.

Galvanise to BS729 and or 'T' wash

Two pack epoxy 150 microns DFT. – black.

Stainless steel self colour, the stainless steel should be cleaned after fabrication by approved methods