

SPECIFICATION FOR FABRICATED CHANNEL MOUNTED TYPE STOP LOGS

SPECIFICATION No 0006-SGCSL

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.

Frames shall be suitable for grouting into prepared rebates in channel - walls and floors. Where necessary side fixing angles shall be provided to allow wall fixing in channels.

The seating and off seating side of the frame shall have resilient EPDM seals to BS 681-1 to the sides and soffit, seals shall be mechanically fixed with stainless steel grade 316 BS EN ISO 3506 pt1-2 fasteners, and poly ethylene retaining strips BS ISO 15527:2010, so the seal can be removed with the frame in situ.

Logs shall be manufactured from aluminium AlMgSi0,5-6060 to EN 753-3, stainless steel grade 304/316 BSEN10088-2 (1.4301/1.4307-1.4401/1.4404) poly ethylene retaining strips BS ISO 15527:2010 and tropical hard woods (from a sustainable source). All seals on the log will be EPDM to BS681-1, and be either mechanically fixed or force fit into position. All seals must be replaceable.

Maximum water depth to top of top log.

A log lifting pin (s) shall be provided within the log, to enable connection of the lifting poles or lifting arrangement.

Following installation final adjustment and door operated through one cycle (or as recommended by the manufacturer).

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