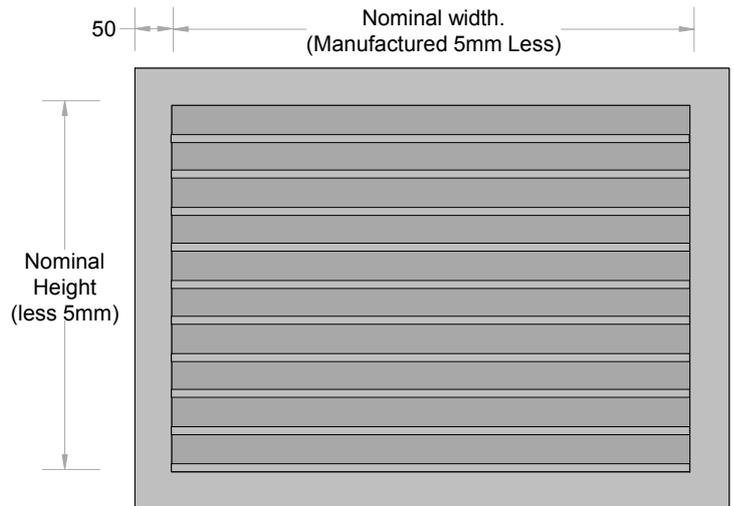
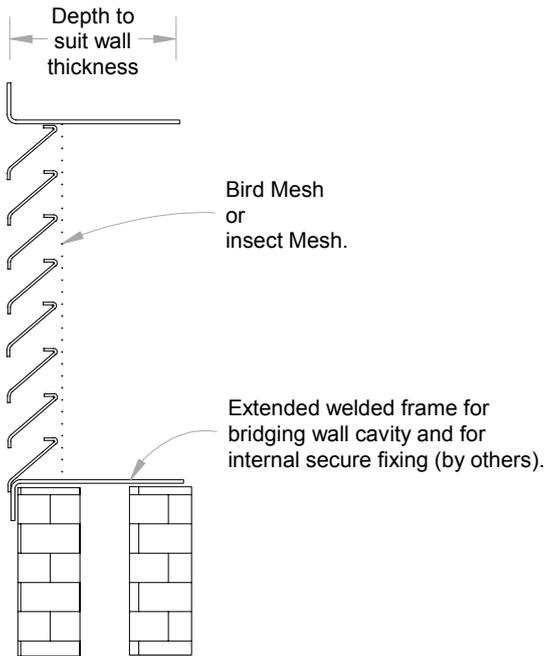


# Heavy Duty / Security Louvres

## Type HDSL & HDSL-SS



External View.

### APPLICATIONS:

The HDSL range has been specifically designed for use in walls & soffits where a robust secure or anti-vandal louvre is required. Applications such as low level openings in buildings or rooftops where a louvre screen or weather resistance is required in shopping centres, factories, bus or train stations, car parks, schools and plant rooms etc. Being manufactured from high quality sheet material a superior finish is easily obtainable to satisfy all architectural requirements.

### SPECIALS:

Due to the flexible manufacturing process it is possible to provide many different blade arrangements in terms of thickness and angle as well as depth for increased strength. Alternative shapes are possible e.g. circular, triangular & hexagonal.

### SPECIFICATION / CONSTRUCTION:

The HDSL Heavy Duty Security Louvres shall be constructed from 3mm Zintec Mild steel or 2mm Stainless Steel (304 or 316) grade material for off shore applications. The Frame shall be mitred, fully welded and dressed at the corners. The Blades shall be "Jigged" and securely welded into position so as to form a substantial joint between the blade and frame preventing removal. Larger units shall have a rear mullions welded to each blade to minimise deflection caused by vandalism and enhance security.

WEIGHT: 78 kg/m<sup>2</sup> (1000 x 1000 x 3mm mild steel including frame).

FINISH: Polyester Powder Coated for Zintec Mild Steel units. Stainless Steel units to be mill finish or polished, depending on the clients requirements.

### DIMENSIONS:

Minimum size is 300 x 300  
Maximum single section size is 3000 x 2400 overall. (for transport)

Any size can be manufactured in suitable modular sections using concealed self supporting mullions to the rear of the louvre blades.

### OPTIONS & ACCESSORIES:

- Surface Flange (standard) or Recessed Frame.
- Bird Mesh (standard) or Insect Mesh.
- Additional security bars welded to frame.
- Building in lugs for use during construction of wall.
- Removable & Hinged cores.
- Attenuators designed to minimise noise break-out or break-in.
- Various frame types are available.
- Filter frames & Wall sleeves.
- Volume control & Fire dampers.
- Fire rated & standard plenums.

