

Easy Fit H-Clips for Matrix Moulded Slat Screens

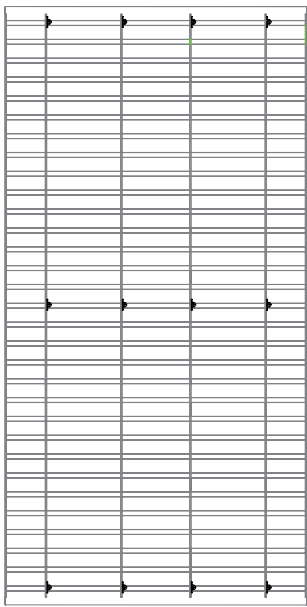


Fig. 1



Fig. 2



Fig. 3

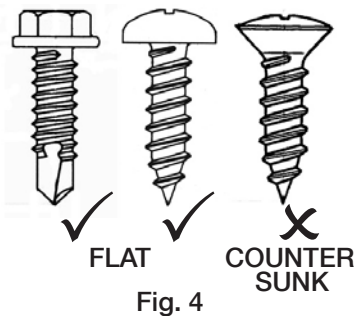


Fig. 4



Fig. 5



H-Clips can be used on their own or in conjunction with Matrix C-channel Frames and will hold the screen securely in place against any existing structure (e.g. posts or rails, a fence or a building) while allowing it to expand and contract with changes in temperature.

PREPARATION

The number of H-Clips needed to install one Moulded Slat Screen depends on the size of the screen and the shape of the structure to which you are attaching the screen. A standard installation of a full screen 2410x1205mm requires one pack of 12 H-Clips, fitted in 3 rows of 4 clips (Fig. 1).

To provide adequate support for a 2410x1205mm screen, you will need at least 3 horizontal rails – one near the top, one near the bottom and one near the middle. Make sure that the supporting structure is flat, solid and able to support the additional load.

You will need to purchase separately sufficient quantity of screws appropriate for the material to which you intend to attach the screen (e.g. self drilling screws for metal, or wood screws for timber, or masonry anchors for brick or concrete).

IMPORTANT NOTE: Screws must have a flat base under the head – do not use countersunk screws – see Fig. 4.

Before installing each screen, ensure that it will have at least 10mm clearance above and on each side; this provides room for expansion of the screen (Fig. 1). Trim the screen with a wood saw or jig saw if necessary. If using an electric jig saw, hold each slat down during cutting to prevent it from vibrating. We do not recommend using a circular saw due to the risk of cracking the screen.

INSTALLATION STEPS

IMPORTANT NOTE: Each H-Clip must be at the top of the opening in the screen and against the same side of each vertical rib (Fig. 2).

1. Place the first two H-Clips against the ribs in the middle of the screen near the top (Fig. 3).
2. Either support the screen panel on blocks, or use clamps or get a helper to hold the screen level in its intended position against the supporting structure.
3. Attach the first two H-Clips to the existing structure behind the screen with an appropriate screw through the hole in the H-Clip.
4. Check that the screen is level and then attach with H-Clips in the rest of the locations.
5. When all H-Clips are attached, try sliding the screen upwards and sideways. The screen should be able to move about 10mm sideways and upwards with little effort, which will enable the screen to expand and contract freely.
6. If there is too much resistance or the screen will not move, reposition incorrectly fitted H-Clip(s) until the screen is free to move. Warranty may be voided by incorrect installation.
7. To prevent the screen panel moving excessively, install an additional H-Clip on the opposite side of a rib. Allow a 10mm gap for expansion and contact as per Fig. 5.