Technical Data Sheet

Quick Fit Moulded Rubber Panel System

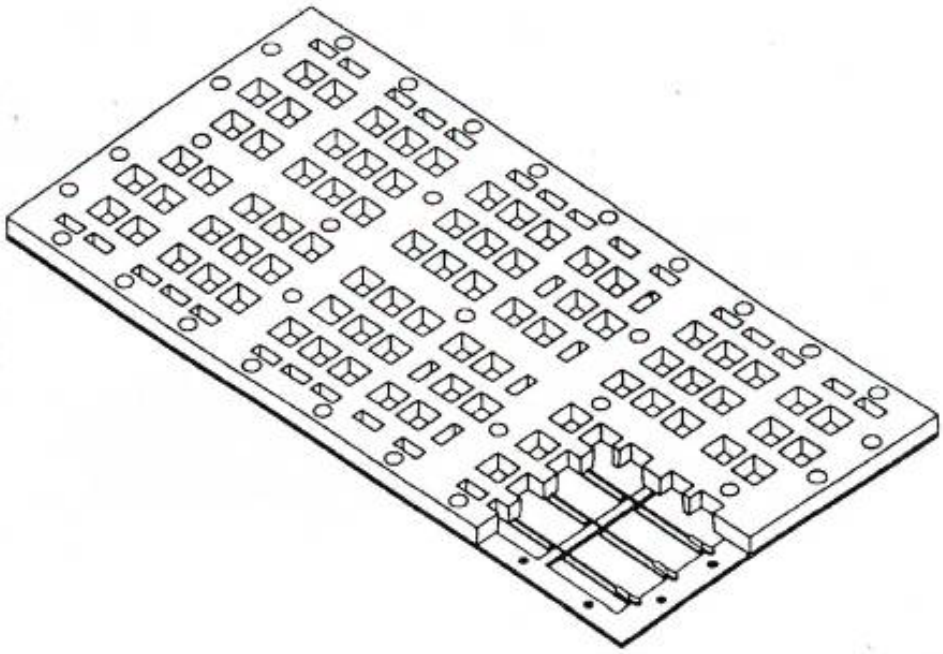
Moulded Rubber Screen Panel Systems are used on conventional Cross-Tension screen decks.

Conventional single, double or triple camber screen decks designed for cross tensioned cloths can use the Quick-fit panel system without the need for conversion or modification to the screen frame. The Quick-fit panels are made to suit the existing structure and can even be used in conjunction with cross tensioned cloths.

The modular panels are custom designed with a variety of reinforcing materials to suit a wide range of applications from fine screening in sticky environments to heavy duty scalping. Panel sizes from 300 x 300mm up to 900 x 2000 are available. In most applications four panels replace 1 conventional cross tensioned screen cloth.

The quick-fit Moulded Rubber Screen Panel System offers significant benefits.

- Reduced time for change outs
- Easier and safer handling for the fitters- only 25kg for a 35mm thick panel
- Less wear and tear on expensive equipment (cranes) for installation
- Reduced cost of screen media because you only need to change the sections that are worn, not complete cloths that only have localised wear
- Increased capacity due to increased open area
- Compatible for use in conjunction with regular cross tension style screen cloths
- No modification to sub frame required

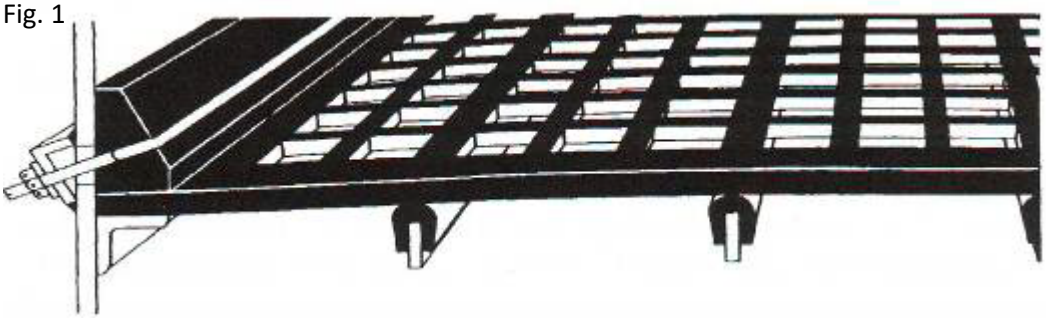


Quick Fit Moulded Rubber Panel System

Fastening

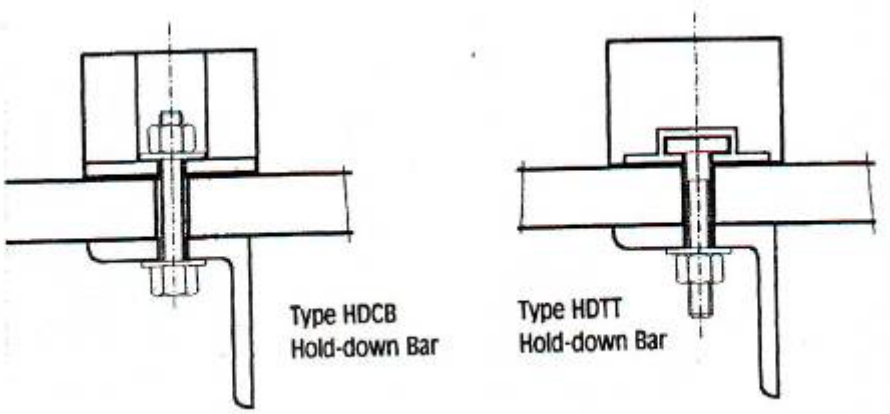
Side clamping is usually via Rubber Side Clamping Wedge (see Figure 1). The rubber wedge, which can be supplied in lengths up to 6m, uses the same bolt holes as the original side clamping bars.

Fig. 1



Centre Hold Down Bars clamp the modular system panels firmly against the centre support beam. As seen below in Figure 2.

Fig.2



Items required for conversion

To convert one deck of a 20’ x 8’ double camber screen completely over to the Agile Screening system will require the following items

20 x Moulded Screen Panels 1200 x 610

10 x Rubber Centre Hold Down Bar 75 wide x 50 high x 605mm long

20 x Rubber Side Clamping wedges 610mm long

40 x Quick-fit Side Clamping assemblies (pin, wedge and washer)

Note-

It is not necessary to replace the existing centre hold bars with 605mm long units. The longer bars currently being used will be quite adequate, however for ease and speed of installation/removal it is recommended that 605mm long bars be used when they require changing.