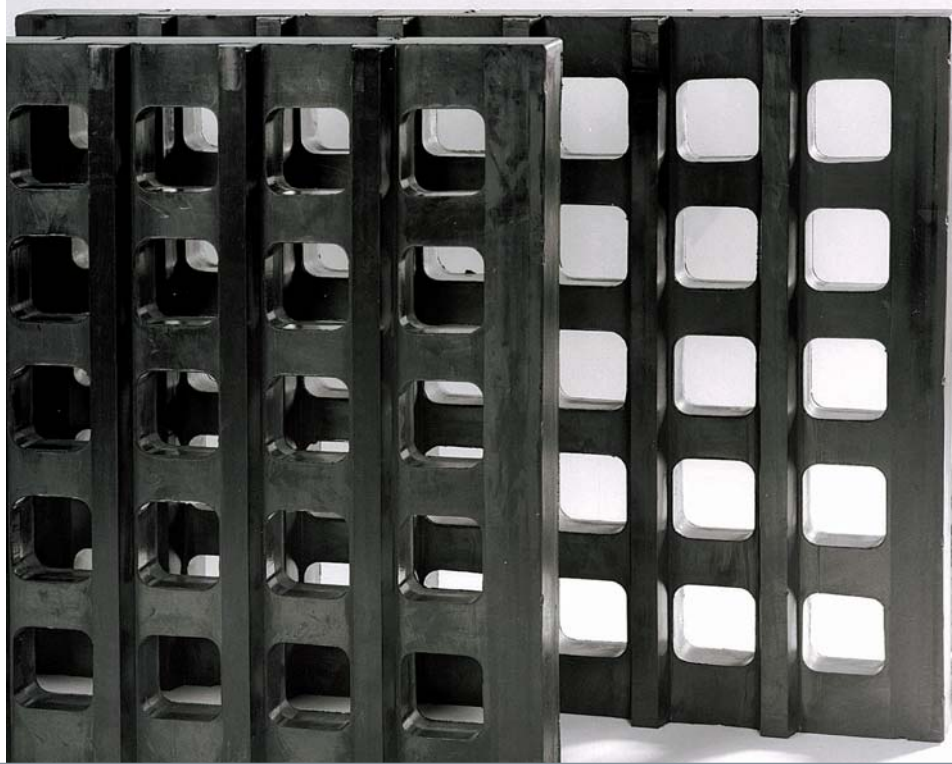


Sandvik

Self-supporting Screen Panel



A self-supporting rubber screening panel with skid bars and moulded holes primarily for medium coarse to coarse screening in the quarrying and mining industries.

Rugged panel for heavy duty conditions

A self-supporting panel with steel reinforcement that gives greater strength for resisting the impact of heavy material. The panels are installed on screens with a flat screening deck. Sandvik self-supporting screening media only requires support along the sides. Panels are secured using Sandvik hardwearing side securing system. Where necessary centre hold down bars are also used.

Tailor-made to suit the application

A made to measure panel manufactured in a number of different lengths, widths and thicknesses. It is available with a variety of different hole sizes, primarily for coarse separations. The

holes are moulded with a release angle, making possible thick panels without the increased risk of pegging.

Skid bars protect the panel and guide fines

These panels are design with ribs that keep the coarse material off the apertures preventing premature wear. The ribs also guide fine material towards the holes, giving more rapid and improved screening with a higher capacity.

Long life and minimal maintenance requirements

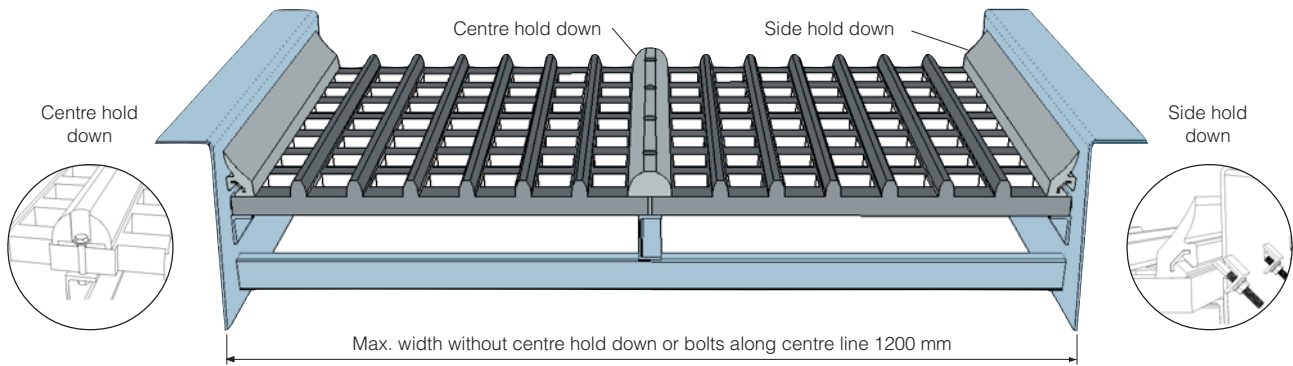
Sandvik self-supporting screening media is made of hard-wearing rubber specially produced to cope with the tough requirements imposed on screen panels in heavy-duty applications.

Its high quality gives a long life, long intervals between servicing and minimal maintenance requirements.

The flexibility of the rubber reduces the risk of pegging, which gives further reduction of maintenance requirements.

Reduced noise level and improved working environment

By mounting rubber panels on the screens, the noise level in the plant is reduced, improving the working environment and reducing the risk of accidental damage or injury during working.



Type

Self-supporting rubber screening media.

Dimensions

Thicknesses (panel + ribs): 55 + 20, 70 + 50 and 70 + 60 mm.

Length: Max. length 1200 mm.

Width: Max. width 1600 mm.

Installation

Sandvik self-supporting screening media is designed for flat open frame screens. For screen widths up to 1200 mm, no central longitudinal support is needed, as the panels can be clamped along the sides of the screen box.

On wider screens the panel should be bolted along the center line or a central hold down bar should be used.

Materials

Wearing material: 60 Shore A rubber.

Reinforcement: Angle steel bar frame and steel flat bar cross members.

Tensioning device: Side hold down and centre hold down.

Apertures

Moulded holes, 50 - 140 mm.

FR - Square holes in line.

Applications

This is a strong and reliable self-supporting screening element designed for coarse screening with separations from 45 mm and up with a max feed lump size up to 400 mm.

Note

Do not use in applications with any amount of oil present.

Recommended thickness and area of use

Separation (mm)	Max particle size (mm)*										
	10	20	30	50	75	100	125	150	200	250	300-400
2	-	-	-	-	-	-	-	-	-	-	-
4 - 6	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
10 - 12.5	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-
19 - 25.4	-	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-	-
37.5	-	-	-	-	-	-	-	-	-	-	-
45	-	-	-	-	55+20	55+20	55+20	55+20	55+20	55+20	-
63	-	-	-	-	55+20	55+20	55+20	55+20	55+20	55+20	-
70 - 90	-	-	-	-	-	70+50	70+50	70+50	70+50	70+50	70+50
105	-	-	-	-	-	-	70+60	70+60	70+60	70+60	70+60
120	-	-	-	-	-	-	-	70+60	70+60	70+60	70+60

= Recommended area of use

= Improbable application

* Bulk density max. 1.8 metric ton/m³

= Borderline case

= Not recommended

If your application falls outside the limits specified above, please contact your Sandvik Mining and Construction representative.

