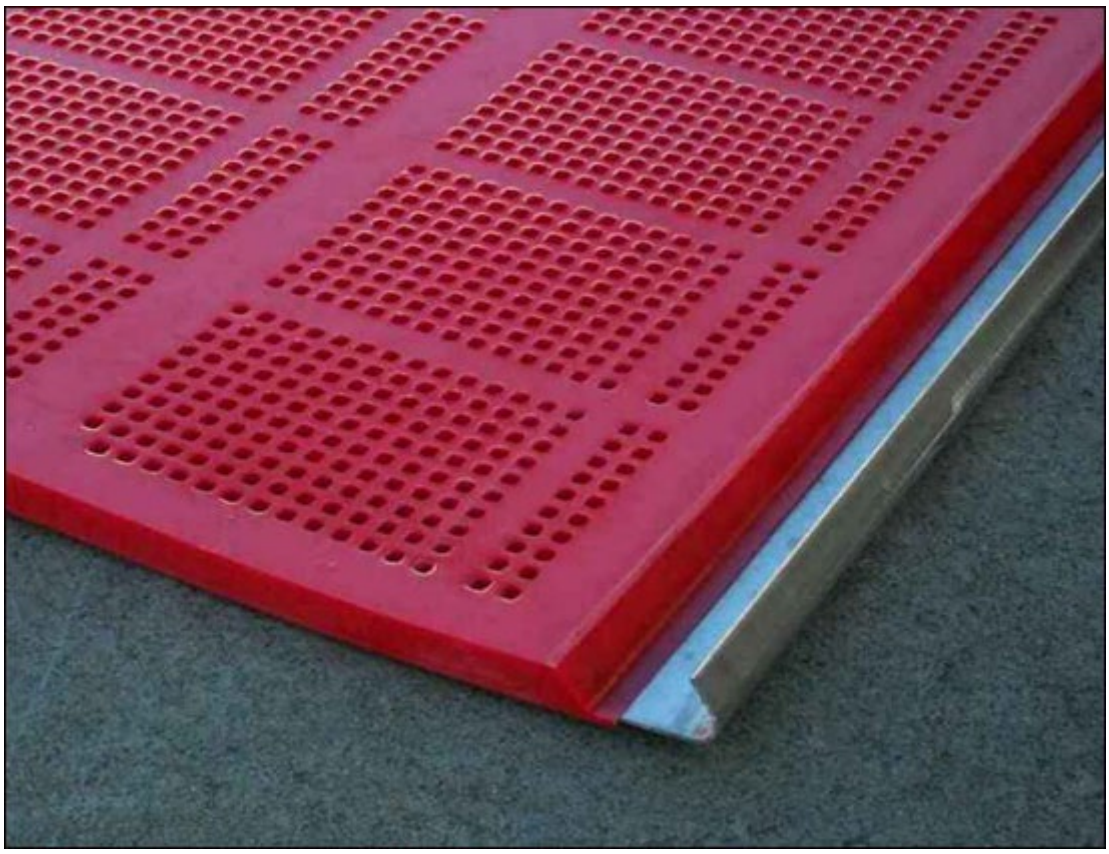
Technical Data Sheet

Polyurethane Cross Tensioned Screencloth

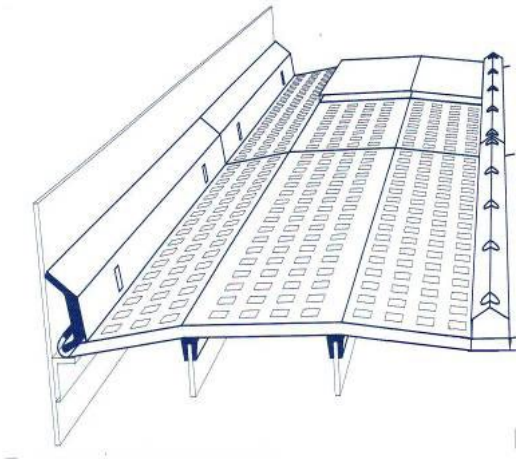
Agile Screening will design and manufacture to suit your requirements. Our Polyurethane Cross Tensioned Screencloths are produced in several types to suit most applications.

- Fully Cast
- Injection Moulded Element
- Slimline Injection Moulded Element



Polyurethane Cross Tensioned Screencloth

FULLY CAST



The following table will outline the features of the *Fully Cast* screencloth as well as specifying the relevant technical information.

Features

Apertures

- Slotted
- Square

Thickness

20mm, 25mm

Custom Design

- Weirs
- Impact Areas
- Rider Bars
- Deflectors
- Aperture change in the same cloth

Hooks

- Stainless steel

Reinforcing

Custom Design

Light weight

Medium weight

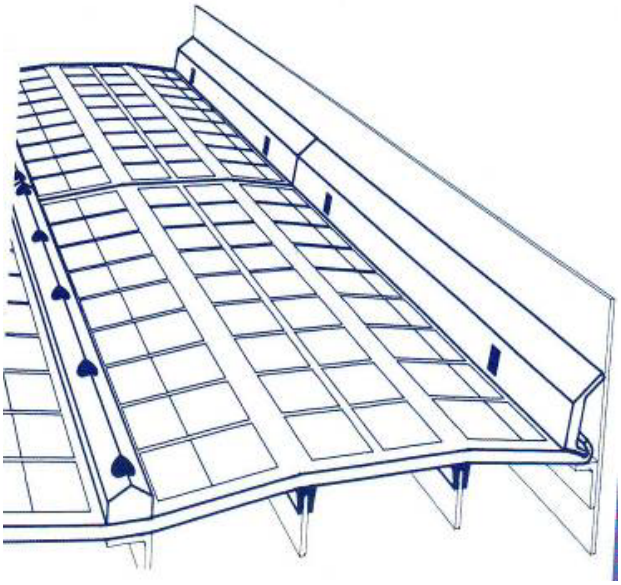
Heavy Duty

Cost Effective

Dollars/Tonnes

Polyurethane Cross Tensioned Screencloth

INJECTION MOULDED ELEMENT



The following table will outline the features of the *Injection Moulded Element* screencloth as well as specifying the relevant technical information.

Features

Accurate Screening & Sizing

Injected Moulded Type Apertures

Slotted Apertures available

Thickness

20mm, 25mm

Different Aperture Sizes Available:

- Tear drop
- Extra-long slot
- Split
- Round & Vibra Flex
- Apertures

Custom Design

- Aperture change in the same cloth
- Deflectors
- Weirs
- Impact areas
- Rider bars
- Staggered apertures to prevent tracking

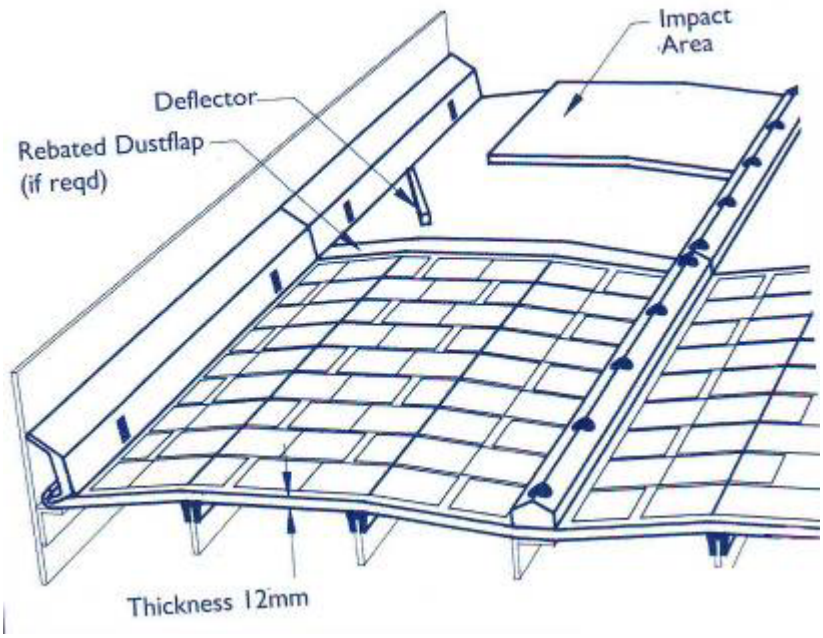
Reinforcing

Durability in Service

- Proven product

Polyurethane Cross Tensioned Screencloth

SLIMLINE INJECTION MOULDED ELEMENT



The following table will outline the features of the *Slimline injection moulded element* screencloth as well as specifying the relevant technical information.

Features

High Open Area
• Conventional Layout • Brick Pattern Layout • High Throughput

Flexibility

Thickness
12mm thick

Hooks
• Stainless steel

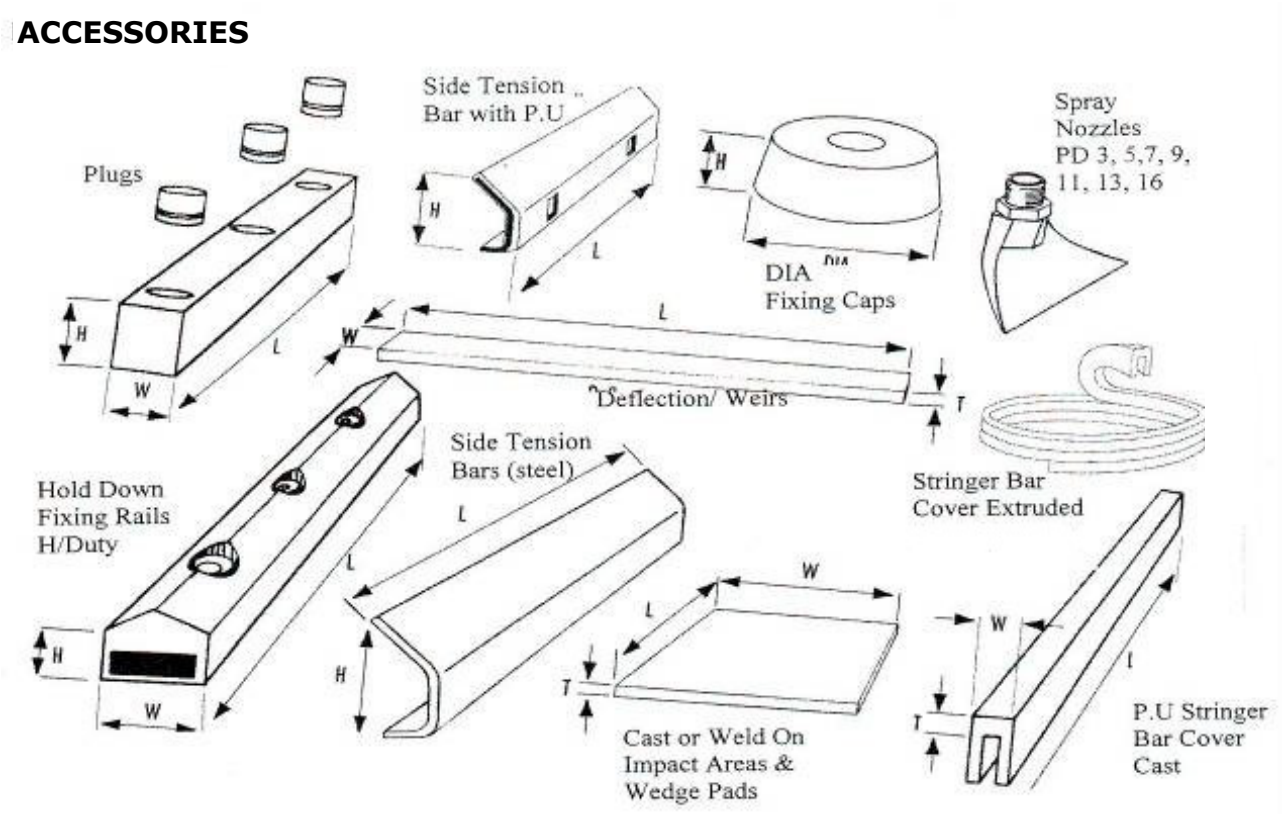
Reinforcing

Specific Slimline Slotted Apertures
0.63 x 11.5 S/L
0.80 x 11.5 S/L
0.80 x 17.5 S/L
1.0 x 11.5 S/L 1.8 x 17.25 S/L

Weight
Only 10kg/m^2

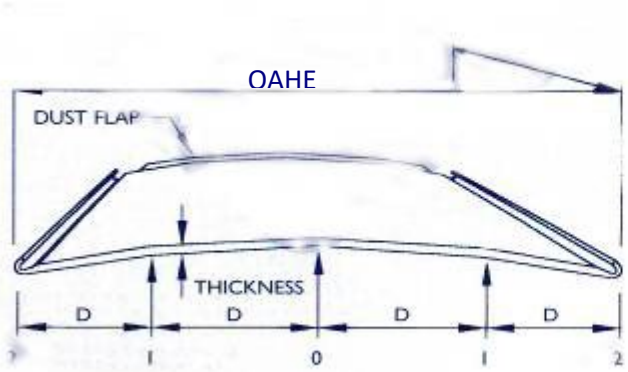
Polyurethane Cross Tensioned Screencloth

ACCESSORIES

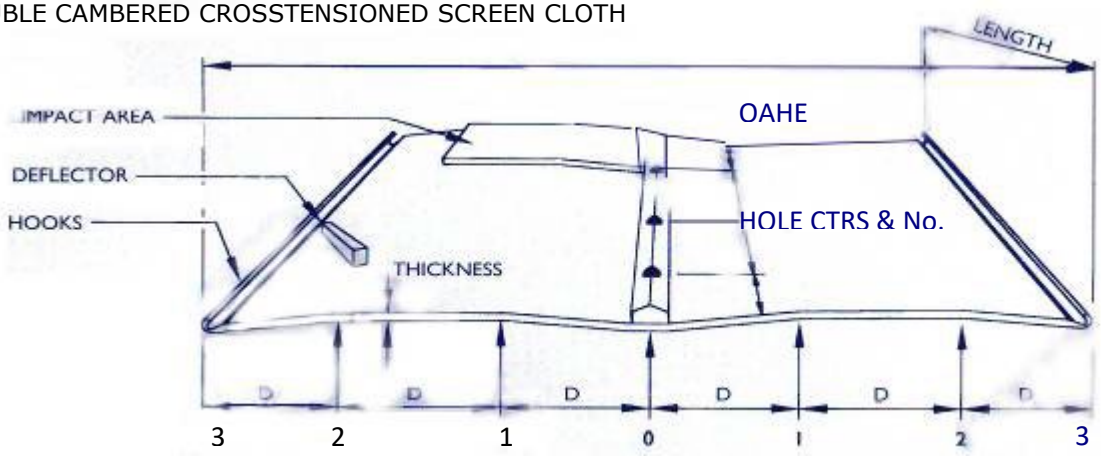


Agile Screening to measure up a Polyurethane Screencloth

SINGLE CAMBERED CROSSTENSIONED SCREEN CLOTH



DOUBLE CAMBERED CROSSTENSIONED SCREEN CLOTH



Polyurethane Cross Tensioned Screencloth

Local Elements

Slot Aperture	Open Area %	Slot Aperture	% of open area
0.15 x 5.65	7.0	1.00 x 11.25	17.0
0.20 x 11.50	6.0	1.00 x 11.50 S/L	21.0
0.30 x 11.50	7.6	1.00 x 115 ELS	23.75
0.40 x 11.50	8.0	1.25 x 11.50	24.1
0.50 x 11.50	10.2	1.3 x 17.0	29.5
0.50 x 16.00 H/D	8.0	1.60 x 11.50	27.8
0.50 x 17.00	15.0	1.80 x 17.25 S/L	33.7
0.50 x 17.00 TT	15.0	2.00 x 11.5	28.2
0.50 x 115 ELS	16.6	2.00 x 25.50 H/D	19.8
0.63 x 11.50	13.8	2.50 x 25.50	35.5
0.63 x 11.50 S/L	16.9	25.0 x 25.50 H/D	24.8
0.63 x 17.00	19.0	3.00 x 18.00	22.5
0.80 x 11.50	15.0	3.15 x 25.50	40.0
0.80 x 11.50 H/D	11.25	4.00 x 8.00	31.0
0.80 x 11.50 S/L	15.0	4.00 x 25.50	44.2
0.80 x 17.50	21.0	5.00 x 25.50	47.0
0.80 x 115 ELS	24.2	6.80 x 25.50	48.0
0.80 x 17.50 S/L	21.0	7.10 x 50.00	39.4
0.80 x 17.50 TT	21.0	10.00 x 50.00	44.4

H/D – Heavy Duty

S &S – Soft & Split

MHD- Medium Heavy Duty

S/L – Slimline

FD – Full Depth

STD - Standard

ELS- Extra Long Slot

TT- Trough Type

Square Aperture	% of Open Area
0.8	13.9
2.5 H/D	14.0
3.15	27.5
4.0	34.6
4.0 H/D	16.0
4.5	31.0
4.5 H/D	31.0
5.0	38.3
6.3	43.1
7.10	38.1
7.1 MHD	27.0
7.1 H/D	22.4
8.0 H/D	28.0
8.0 S/S	36.0
9.0	41.3
10.0	44.4
10.0 S&S	45.5
11.2	33.4
12.5	41.1
13.5 (14.0)	45.6
15.0	40.7
16.0	28.4
18.0	36.0
22.4	55.7