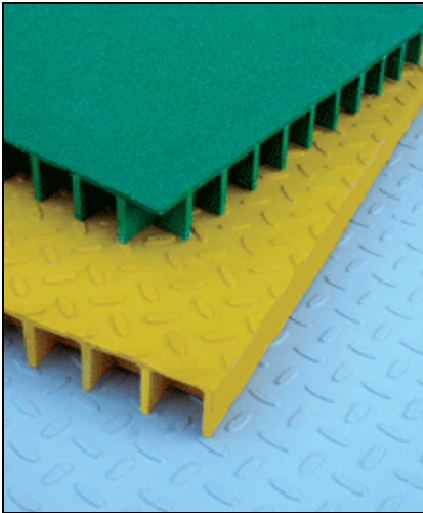


## **SOLID SURFACE GRATING**



Our solid surface grating is available from stock in 25mm and 41mm depths in Green, Grey and Yellow. They have a gritted surface as standard for superior anti-slip properties.

The solid surface is 3mm thick and can be manufactured with a gritted, chequer plate or smooth finish. The surface is bonded to the gratings using a high strength resin and glass reinforcement to allow permanent adhesion.

### 41mm thick solid surface grating deflection data

Span	<u>Point Load</u> (kg) 1 % Deflection	<u>Concentrated</u> <u>Line Load</u> (kg/m) 1% Deflection	<u>Uniformly</u> <u>Distributed Load</u> (kg/m <sup>2</sup> ) 1% Deflection
250mm	6,605	9,150	18,255
500mm	3,310	4,602	8,028
750mm	2,027	2,293	3,543
1000mm	1,161	1,232	2,014
1200mm	784	876	1,367

### 25mm thick solid surface grating deflection data

Span	<u>Point Load</u> (kg) 1 % Deflection	<u>Concentrated</u> <u>Line Load</u> (kg/m) 1% deflection	<u>Uniformly</u> <u>Distributed Load</u> (kg/m <sup>2</sup> ) 1% Deflection
250mm	2,025	2,668	5,529
500mm	845	918	1,467
750mm	382	406	649
1000mm	226	227	354
1200mm	140	158	252