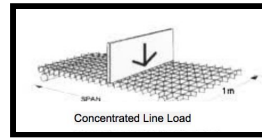
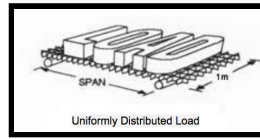

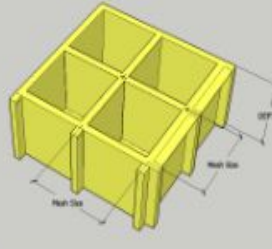
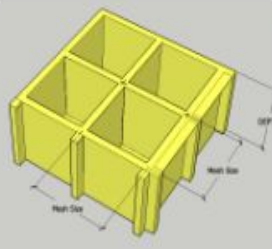
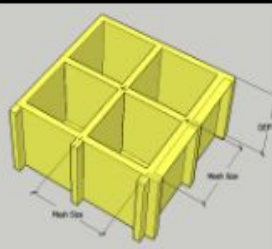
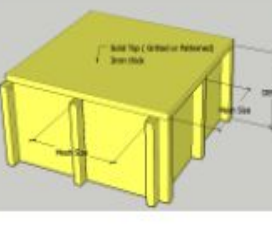
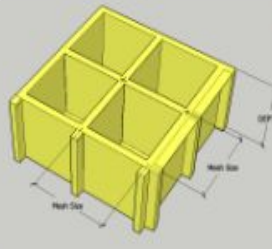


# Loading table for Moulded GRP - OPEN and SOLID Top Grating

Note: The load data is provided as a guideline only, we will not be liable for performance under conditions other than detailed below. Based on 1m width of grating across the indicated span.



|  |  |  |  |             |             |                           |                           |                           |                           |
|--|--|--|--|-------------|-------------|---------------------------|---------------------------|---------------------------|---------------------------|
|    | <b>MINIMESH - 30mm depth - 20*20mm on top and 40*40mm underneath</b> |  | <i>Span in mm</i>  |             |             |                           |                           |                           |                           |
|  |  |  | 450  | 600         | 750         | 900                       | 1050 and above            |                           |                           |
|  | <b>Load Bar Depth</b>  | <b>Standard Colours :</b><br>Dark Grey or Sand | Load Deflection Data - Loads giving defelection of 5mm ( Recommended Maximum defelection for pedestrian comfort) |             |             |                           |                           |                           |                           |
|  | <b>30mm</b>  | Uniformly Distributed Load (kPa)               | <b>58</b>  | <b>18.1</b> | <b>7.4</b>  | <b>3.6</b>                | <b>exceeds Deflection</b> |                           |                           |
|  | Line Load (Kg/m)   | <b>1100</b>                                    | <b>462</b>   | <b>237</b>  | <b>138</b>  | <b>exceeds Deflection</b> |                           |                           |                           |
|    | <b>25 mm Depth - 38*38mm Mesh</b>                                    |  | <i>Span in mm</i>  |             |             |                           |                           |                           |                           |
|  |  |  | 450  | 600         | 750         | 900                       | 1050 and above            |                           |                           |
|  | <b>Load Bar Depth</b>  | <b>Standard Colours :</b><br>Green and Grey    | Load Deflection Data - Loads giving defelection of 5mm ( Recommended Maximum defelection for pedestrian comfort) |             |             |                           |                           |                           |                           |
|  | <b>25mm</b>  | Uniformly Distributed Load (kPa)               | <b>18</b>  | <b>5.75</b> | <b>2.35</b> | <b>1.13</b>               | <b>exceeds Deflection</b> |                           |                           |
|  | Line Load (Kg/m)   | <b>483</b>                                     | <b>203</b>   | <b>104</b>  | <b>60</b>   | <b>exceeds Deflection</b> |                           |                           |                           |
|   | <b>30 mm Depth - 38*38mm Mesh</b>                                    |  | <i>Span in mm</i>  |             |             |                           |                           |                           |                           |
|  |  |  | 450  | 600         | 750         | 900                       | 1050                      | 1200                      | 1500                      |
|  | <b>Load Bar Depth</b>  | <b>Standard Colours :</b><br>Green and Grey    | Load Deflection Data - Loads giving defelection of 5mm ( Recommended Maximum defelection for pedestrian comfort) |             |             |                           |                           |                           |                           |
|  | <b>30mm</b>  | Uniformly Distributed Load (kPa)               | <b>50</b>  | <b>15.6</b> | <b>6.3</b>  | <b>2.9</b>                | <b>1.5</b>                | <b>0.97</b>               | <b>exceeds Deflection</b> |
|  | Line Load (Kg/m)   | <b>1465</b>                                    | <b>617</b>   | <b>313</b>  | <b>179</b>  | <b>112</b>                | <b>72</b>                 | <b>exceeds Deflection</b> |                           |
|  | <b>38 mm Depth - 38*38mm Mesh</b>                                    |  | <i>Span in mm</i>  |             |             |                           |                           |                           |                           |
|  |  |  | 450  | 600         | 750         | 900                       | 1050                      | 1200                      | 1500                      |
|  | <b>Load Bar Depth</b>  | <b>Standard Colours :</b><br>Green and Grey    | Load Deflection Data - Loads giving defelection of 5mm ( Recommended Maximum defelection for pedestrian comfort) |             |             |                           |                           |                           |                           |
|  | <b>38mm</b>  | Uniformly Distributed Load (kPa)               | <b>60</b>  | <b>19</b>   | <b>7.75</b> | <b>3.75</b>               | <b>2</b>                  | <b>1.2</b>                | <b>exceeds Deflection</b> |
|  | Line Load (Kg/m)   | <b>1697</b>                                    | <b>710</b>   | <b>365</b>  | <b>210</b>  | <b>132</b>                | <b>89</b>                 | <b>exceeds Deflection</b> |                           |
|  | <b>SOLID TOP (Patterned or Gritted) 3mm thick on 38*38Mesh</b>       |  | <i>Span in mm</i>  |             |             |                           |                           |                           |                           |
|  |  |  | 450  | 600         | 750         | 900                       | 1050                      | 1200                      | 1500                      |
|  | <b>Load Bar Depth</b>  | <b>Standard Colours :</b><br>Grey and Yellow   | Load Deflection Data - Loads giving defelection of 5mm ( Recommended Maximum defelection for pedestrian comfort) |             |             |                           |                           |                           |                           |
|  | <b>38mm</b>  | Uniformly Distributed Load (kPa)               |  | <b>33</b>   | <b>19</b>   | <b>6.5</b>                | <b>3.8</b>                | <b>2.3</b>                | <b>exceeds Deflection</b> |
|  | Line Load (Kg/m)   |  | <b>1055</b>  | <b>735</b>  | <b>380</b>  | <b>280</b>                | <b>180</b>                | <b>exceeds Deflection</b> |                           |
|  | <b>50 mm Depth - 50*50mm Mesh</b>                                    |  | <i>Span in mm</i>  |             |             |                           |                           |                           |                           |
|  |  |  | 450  | 600         | 750         | 900                       | 1050                      | 1200                      | 1500                      |
|  | <b>Load Bar Depth</b>  | <b>Standard Colours :</b><br>Green and Grey    | Load Deflection Data - Loads giving defelection of 5mm ( Recommended Maximum defelection for pedestrian comfort) |             |             |                           |                           |                           |                           |
|  | <b>50mm</b>  | Uniformly Distributed Load (kPa)               |  | <b>37.5</b> | <b>15.5</b> | <b>7.4</b>                | <b>4</b>                  | <b>2.36</b>               | <b>exceeds Deflection</b> |
|  | Line Load (Kg/m)   |  | <b>1440</b>  | <b>735</b>  | <b>428</b>  | <b>270</b>                | <b>180</b>                | <b>exceeds Deflection</b> |                           |