

MechInfo B5.1/0092 - Toughened Glass Floor Panes - 3 Ply

20 May 2021

***Four-edge Supported Toughened Glass***

***pvb interlayers***

Concentrated Load N	1400
Uniform Load N/m <sup>2</sup>	1500
Length of Pane mm	1100
Width of Pane mm	350
Thickness of Each Toughened Glass Ply mm	10
Thickness of Each Interlayer mm	1.5
Thickness of Floor Pane mm	<b>33</b>
Allowable deflection of glass edge mm	<b>3.06</b>
Stiffness of edge beam cm <sup>4</sup>	<b>3</b>
Stress N/mm <sup>2</sup> (maximum 35)	<b>10.99</b>