

Description

Centrecoat Fibreglass Grating is the strongest Fibreglass Grating available on the market today. Anti Slip GRP products used for high level stairways, landings and platforms offering users outstanding anti slip properties.

Centrecoat Fibreglass Grating has been specially designed to provide the ultimate in reliable performance, even in the most demanding conditions. Best used in industrial and commercial exposures for providing an anti slip surface so that staff and pedestrians alike can walk safely. Centrecoat GRP products offer the benefit of being corrosion and weather-resistant with minimal maintenance required. Manufactured from heavy-duty structural fibreglass. Weight-for-weight they are around 80% lighter than conventional steel products and around 30% lighter than aluminium profiles.

Application

Centrecoat Fibreglass Grating is simple and easy to apply, using a strong adhesive. Ideal for school ramps, high level walkways, ideal for areas prone to puddling. If you have more questions regarding the application of this Anti Slip GRP Centrecoat Fibreglass Grating then please do not hesitate in calling us on 01462 421333.

Surface and Environment

Centrecoat Fibreglass Grating is available in a wide range of different sizes. Centrecoat Fibreglass Grating can be used internally or externally in all kinds of demanding conditions to offer an anti slip surface even when the flooring is wet or icy.

Physical Data

Grating Depth (mm)	Grating Pitch (mm)	Bar Thickness		Per 300mm of Width				No. of bars per 300mm	% Glass Content	Weight (kg/m ²)	% Open Area
		Top	Bottom	cm ²	cm ³	cm ⁴	El kg/m ²				
25	38	6.5	5.5	11.5	4.91	6.24	119	8	32	12	69
38	38	6.5	5.5	17.6	10.64	21.38	275	8	32	18.2	69
50	50.8	7.9	6.4	20.1	16.8	42.8		6	32	21.7	71

Technical Data

- ▶ Elastic Modulus 27 GPa
- ▶ Flexural Strength 2.8 GPa
- ▶ Tensile Strength 650 MPa
- ▶ Compressive Strength 90 MPa
- ▶ Dielectric Strength 18 KW/mm
- ▶ Specific Gravity 1.5 ÷ 1.7
- ▶ Thermal Expansion Factor 13 x 10⁻⁶ mm/mm °C
- ▶ Water Absorption 0.1% + 0.3% x 24 hours (ISO R62)
- ▶ Operating Temperature -100°C to + 180°C
- ▶ Standard Panel Size = +2mm, -0mm
- ▶ Cut Panel Size = ±3mm
- ▶ Thickness = ±1mm
- ▶ Mesh Pattern = ±0.5mm