



GRP Grating - 50 mm heavy duty sanded

FLEXI-GRP-BKS750-38-7



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Properties

Matrix	Orthophtalic, isophtalic or vinylester (several standard colours)
Reinforcement	E-Glass
Colour	grey, near RAL 7035 (other colours possible on demand)
Height	50 mm
Surface	polished and gritted
Width of bars	6,50 – 9,00 mm
Pitch (C/C)	38,10 x 38,10 mm
Meshwidth	29,10 x 29,10 mm
Standard panel size	3667 x 1229 mm 3667 x 1533 mm

Tolerances:

Length / width	+ 0 / - 4 mm
Height	+ 1 / - 1 mm

Fixing possibilities:

Clamp fixing	B138 T / K
Direct	B638 T / K

We supply all fixings for GRP gratings in galvanized steel, stainless steel AISI304 and stainless steel AISI316

Mechanical properties

Weight	31,50 kg/m ²
Matrix content	ca. 68 %
Glassfiber content	ca. 32 % (DIN 1172)
Density	1,8 kg/dm ³
Serration class	R13 V10 (DIN 51130 og ASR A1 1.5/1,2)
E-Modulus	14.500 MPa (DIN EN ISO 178)
Max. bending stress	216 MPa
Area moment of inertia / 1 bar	80029,12 mm ⁴
Section modulus / 1 bar	3037,84 mm ³

Thermal properties

Max. application temperature	- 30°C / + 70°C
Flammability	Bfl-s1 (DIN EN 13501-1)
Flammability regarding UL94	V-0 (DIN IEC EN 60695)

Electric properties

Leak resistor	electrically non-conducting
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