



GRP Grating - 30 mm sanded - Quartz

**FLEXI-GRP-BQ530-20-5**



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## Properties

Matrix .....	Isophthalic
Reinforcement .....	E-Glass
Colour .....	grey, near RAL 7035 (other colours possible on demand)
Height .....	30 mm
Surface .....	polished and gritted
Width of bars .....	5,00 – 6,50 mm
Pitch (C/C) .....	20 x 20 mm
Meshwidth .....	13,5 x 13,5 mm
Standard panel size .....	1000 x 3007 mm

## Tolerances:

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

## Fixing possibilities:

Clamp fixing .....	B120T
Direct .....	B620T

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

## Mechanical properties

Weight .....	18,43 kg/m <sup>2</sup>
Matrix content .....	ca. 68 %
Glassfiber content .....	ca. 32 % (DIN 1172)
Density .....	1,8 kg/dm <sup>3</sup>
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 .....	12864,13 mm <sup>4</sup>
Section modulus / 1 bar .....	821,88 mm <sup>3</sup>

## 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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