

## Data sheet GRP – Grating Type HKP 50.50 I-C Standard

product:	GRP - Grating
type:	HKP 50.50 I-C Standard
material:	fiberglass E-Glas, unsaturated polyester-resin, high grade isophthalic resin
colour:	grey, near RAL 7035 (other colours on demand possible)
height:	50 mm
surface:	concave
width of bars:	6-7 mm
pitch:	50,8 x 50,8 mm
meshwidth:	44 x 44 mm

Tolerance:	
length:	+0/-4 mm
width:	+0/-4 mm
height:	+1/-1 mm
weight:	+10/-10 %
resin content:	appr. 68 %
glass fiber content:	appr. 32 %



distributed load:	5,0 kN
pointload:	1,5 kN
load area:	200 x 200 mm
free span:	850 mm
deflection:	4 mm

The GRP gratings are according to the rules of the Accident Prevention & Insurance Association Germany and the DIN 24537-3 gratings as floor covering Part 3: GRP gratings, walkable up to distance between supports of 850 mm. Necessaire supports are set by the customer!

properties:	UV- resistant
fire-class:	Bfl-s1
bleeder-resistance:	$1.098 \times 10^{17} \text{m}/\text{Ohm} \times \text{mm}^2$
serration class:	R13 V10 acc. to BGIA
weight:	appr. 20,5 kg/m <sup>2</sup>
panel sizes:	1226 x 3664 mm