

Data sheet GRP/FRP Grating 2021: Type HKP 38.40 I-Za

product:	GRP - Grating
type:	HKP 38.40 I-Za
material:	fibreglass E-Glass, unsaturated polyester-resin, high grade isophthalic resin
colour:	grey, near RAL 7035 (other colours on demand possible)
height:	38 mm
surface:	gritted corundum
width of bars:	6-7 mm
pitch:	40 x 40 mm
meshwidth:	33 x 33 mm

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

distributed load:	5,0 kN
pointload:	1,5 kN
load area:	200 x 200 mm
free span:	710 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 710 mm. Necessary supports are set by the customer!.

properties:	UV- resistant
fire-class:	Bfl-s1
bleeder-resistance:	$1.098 \times 10^{17} \text{m/Ohm} \times \text{mm}^2$
anti-slip serration class:	R13 V10 acc. to BGIA
weight:	appr. $19,5 \text{ kg/m}^2$
panel sizes:	1000 x 2000 mm; 1000 x 3000 mm