



## Data sheet GRP – Grating Type HKP 50.25 I-C *Micro grating*

product: GRP - Grating  
type: HKP 50.25 I-C *Micro grating*  
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: 25 x 25 mm  
meshwidth: 18 x 18 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: 975 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 975 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.  $23,5 \text{ kg/m}^2$

panel sizes: 1226 x 3664; 1531 x 3664; 1684 x 3664  
(yellow 1226 x 3664)