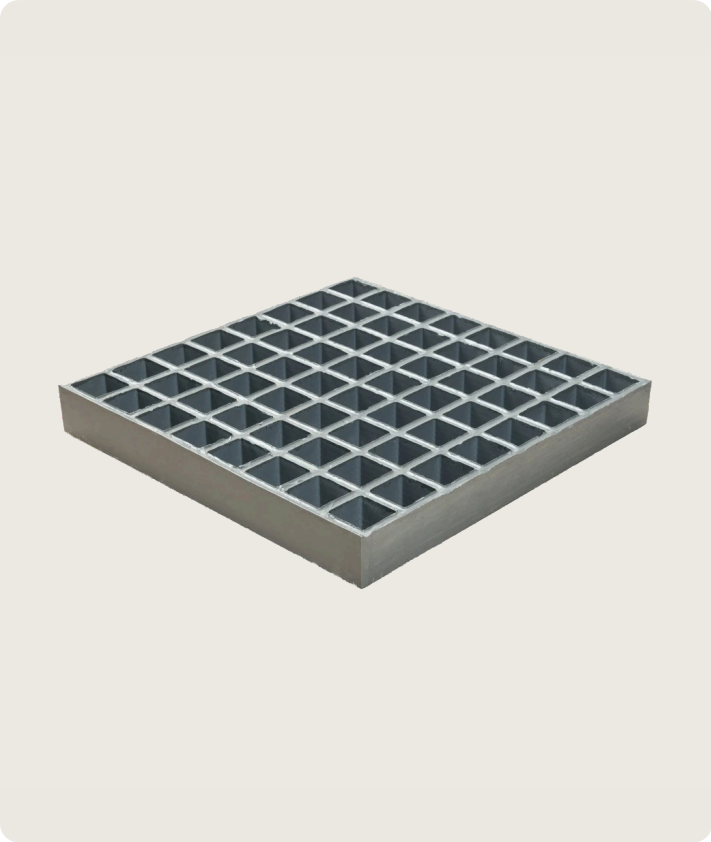
GLASSFIBER PRODUKTER

WE MAKE IT EASIER
WITH FIBREGLASS



PRODUCT DATA SHEET

MOULDED GRATING

Moulded GRP grating

38 mm · 38 × 38 mm

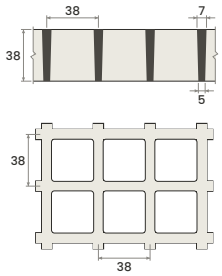
Product facts

Art. no.	15031
Type	Moulded grating
Height	38 mm
Mesh	Square, 38 × 38 mm
Panel size	1219 × 3658 mm
Weight	18.6 kg/m²
Weight per panel	82.9 kg
Colour	Grey (RAL 7001)

Technical data

Resin	Isophthalic polyester
Surface	Concave, U-profile
Slip resistance	R11 (EN 16165:2023)
Bar thickness	7 / 5 mm
Opening	31 × 31 mm
Open area	67 %
Temperature range	-40 °C to +65 °C
Fire resistance	FSI-5, SDI-125 (ASTM E84:2023)
Electrical conductivity	Non-conductive

DIMENSIONS AND MESH



Load and deflection

Clear span (mm)		Load ΔU = kg/m², ΔC = kg/m								Max recom. kg	Ultimate load kg
		100	200	300	500	750	1000	1500	2000		
500	ΔU	0.1	0.2	0.2	0.4	0.5	0.7	1.1	1.5	**3 763**	**31 873**
	ΔC	0.2	0.5	0.7	1.2	1.7	2.3	3.5	4.6	**1 165**	**7 968**
700	ΔU	0.3	0.5	0.8	1.3	1.9	2.5	3.8	5.0	**1 358**	**16 261**
	ΔC	0.6	1.2	1.7	2.9	4.3	5.8	8.6	11.5	**594**	**5 691**
900	ΔU	0.7	1.3	2.0	3.3	4.9	6.5	9.8	13.0	**639**	**9 837**
	ΔC	1.2	2.3	3.5	5.8	8.7	11.6			**360**	**4 426**
1100	ΔU	1.4	2.9	4.3	7.2	10.8	14.4			**350**	**6 585**
	ΔC	2.1	4.2	6.3	10.5					**241**	**3 621**
1300	ΔU	2.8	5.6	8.4	14.0					**212**	**4 715**
	ΔC	3.4	6.9	10.3						**173**	**3 064**

Deflection in mm as a function of load in kg and clear span in mm. **ΔU** = uniformly distributed load, **ΔC** = concentrated line load.

Corrosion resistant
Glass-reinforced plastic that does not rust.

Low weight
18.6 kg/m², easy to move around.

Non-conductive
Non-conducting material.

Concave surface
U-profile gives good footing.