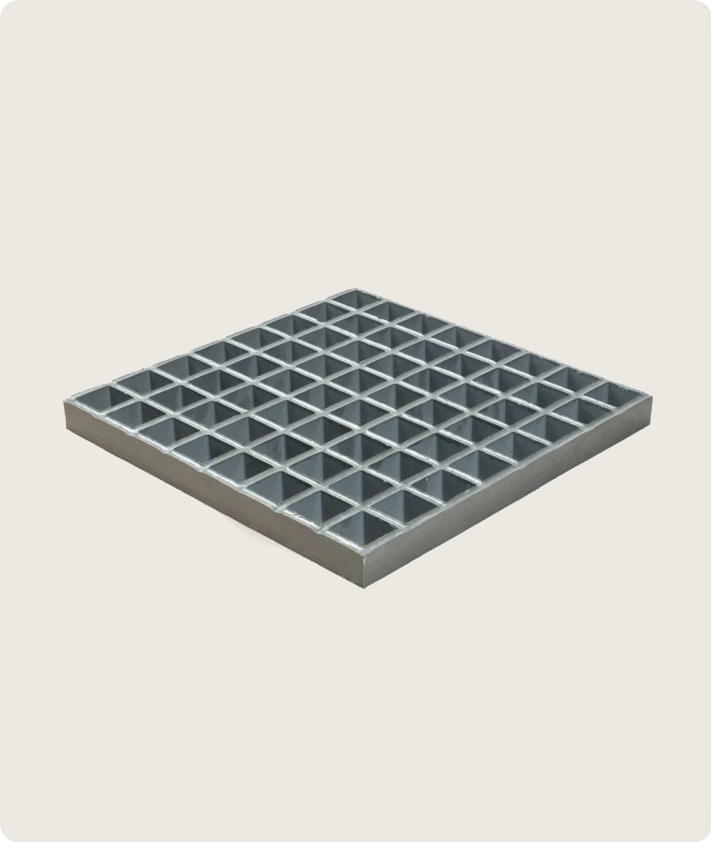
GLASSFIBER PRODUKTER

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PRODUCT DATA SHEET

MOULDED GRATING

Moulded GRP grating

25 mm · 38 × 38 mm

Moulded GRP grating with a concave U-profile surface. Corrosion resistant and low maintenance.

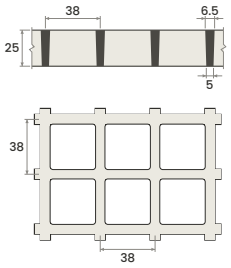
Product facts

Art. no.	15021
Type	Moulded grating
Height	25 mm
Mesh	Square, 38 × 38 mm
Panel size	1219 × 3658 mm
Weight	12.2 kg/m²
Weight per panel	54.4 kg
Colour	Grey (RAL 7001)

Technical data

Resin	Isophthalic polyester
Surface	Concave, U-profile
Slip resistance	R11 (EN 16165:2023)
Bar thickness	6.5 / 5 mm
Opening	32 × 32 mm
Open area	68 %
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.	Ultimate load
		100	200	300	500	750	1000	1500	2000	kg	kg
500	ΔU	0.2	0.5	0.7	1.2	1.8	2.4	3.7	4.9	**1 071**	**13 795**
	ΔC	0.8	1.6	2.3	3.9	5.8	7.8	11.7		**334**	**3 448**
700	ΔU	0.9	1.8	2.7	4.4	6.7	8.9	13.3		**390**	**7 038**
	ΔC	2.0	4.1	6.1	3.9					**170**	**2 463**
900	ΔU	2.4	4.7	7.0	11.7					**183**	**4 257**
	ΔC	4.2	8.3	12.5						**103**	**1 916**

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
12.2 kg/m², easy to move around.

Non-conductive
Non-conducting material.

Concave surface
U-profile gives good footing.