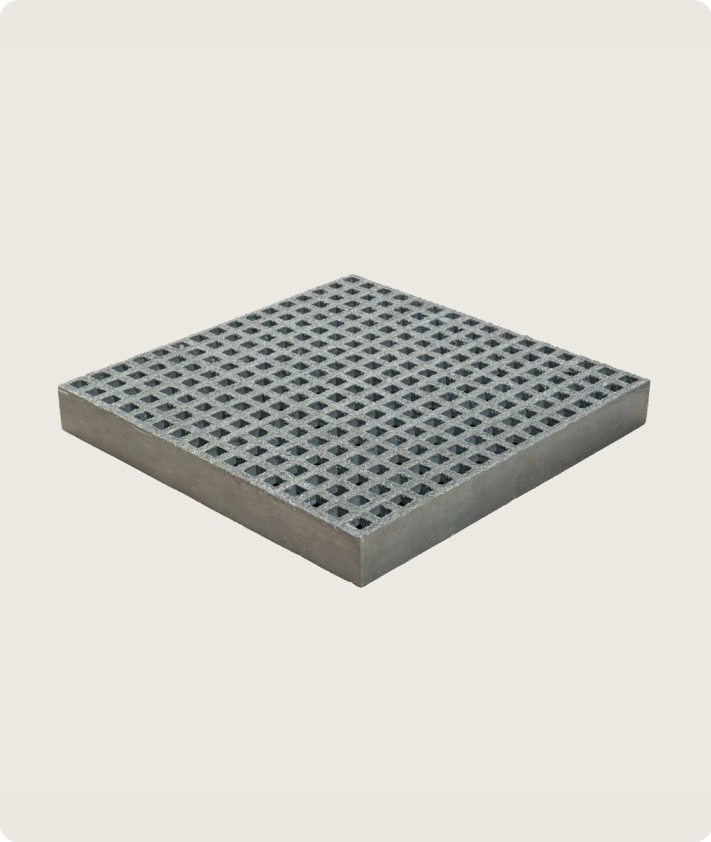
GLASSFIBER PRODUKTER

WE MAKE IT EASIER
WITH FIBREGLASS



PRODUCT DATA SHEET

MOULDED GRATING WITH SUB MESH

Moulded GRP grating

38 mm · 38 × 38 mm (19 × 19 mm)

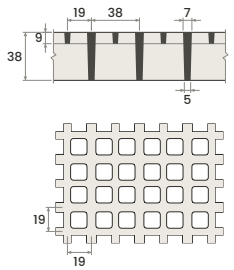
Product facts

Art. no.	15034
Type	Moulded grating
Height	38 mm
Main mesh	Square, 38 × 38 mm
Sub mesh	Square, 19 × 19 mm
Panel size	1219 × 3658 mm
Weight	23.7 kg/m²
Weight per panel	106 kg
Colour	Grey (RAL 7001)

Technical data

Resin	Isophthalic polyester
Surface	Fine silica sand grit
Slip resistance	R13 (EN 16165:2023)
Bar thickness	7 / 5 mm
Opening	12 × 12 mm
Open area	41 %
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	0.1	0.2	0.3	0.4	0.6	0.8	1.1	**4 587**	**35 721**
	ΔC	0.2	0.4	0.5	0.9	1.3	1.8	2.7	3.5	**1 435**	**8 930**
700	ΔU	0.2	0.4	0.6	1.0	1.4	1.9	2.9	3.8	**2 388**	**18 225**
	ΔC	0.4	0.9	1.3	2.2	3.3	4.3	6.5	8.7	**732**	**6 378**
900	ΔU	0.5	1.0	1.5	2.4	3.7	4.9	7.3	9.8	**874**	**11 025**
	ΔC	0.9	1.7	2.6	4.3	6.5	8.7	13.0		**443**	**4 961**
1100	ΔU	1.1	2.1	3.2	5.3	7.9	10.5			**431**	**7 380**
	ΔC	1.5	3.1	4.6	7.7	11.5				**297**	**4 059**
1300	ΔU	2.0	4.0	6.0	10.1					**261**	**5 284**
	ΔC	2.5	5.0	7.4	12.4					**213**	**3 434**
1500	ΔU	3.5	7.1	10.6						**170**	**3 969**
	ΔC	3.8	7.5	11.3						**160**	**2 976**

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
23.7 kg/m², easy to move around.

Non-conductive
Non-conducting material.

Slip resistant
Fine silica sand grit gives good footing.