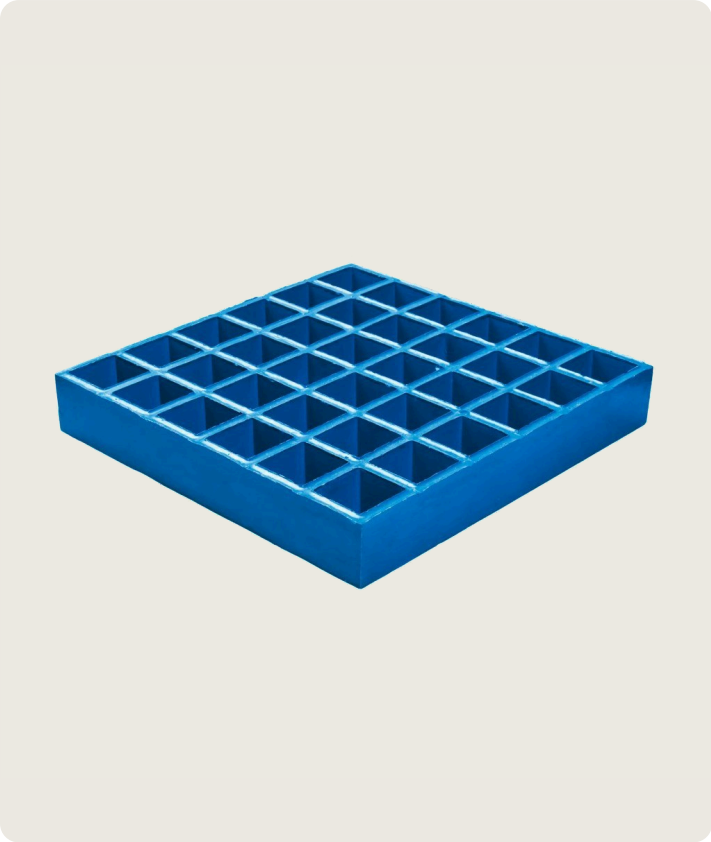
GLASSFIBER PRODUKTER

WE MAKE IT EASIER
WITH FIBREGLASS



PRODUCT DATA SHEET

MOULDED GRATING

Moulded GRP grating

51 mm · 51 × 51 mm

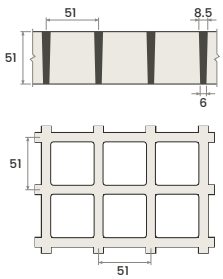
Product facts

Art. no.	15052
Type	Moulded grating
Height	51 mm
Mesh	Square, 51 × 51 mm
Panel size	1219 × 3658 mm
Weight	26.4 kg/m²
Weight per panel	117.9 kg
Colour	Grey (RAL 7001)

Technical data

Resin	Isophthalic polyester
Surface	Fine silica sand grit
Slip resistance	R13 (EN 16165:2023)
Bar thickness	9 / 6 mm
Opening	17 × 17 mm
Open area	48 %
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
		306	510	816	1 020	1 530	2 039	2 549	3 059	4 079	5 098	6 118	8 158	9 177	10 197	kg	kg
400	ΔU	0.1	0.1	0.2	0.3	0.4	0.6	0.7	0.8	1.1	1.4	1.6	2.2	2.5	2.7	**8 464**	**42 318**
	ΔC	0.3	0.5	0.7	0.9	1.4	1.9	2.4	2.8	3.8	4.7	5.6	7.5	8.5	10.4	**3 365**	**17 131**
600	ΔU	0.2	0.4	0.7	0.9	1.3	1.7	2.1	2.6	3.4	4.3	5.1	6.8	7.7	8.5	**6 118**	**30 387**
	ΔC	0.8	1.3	2.1	2.6	3.9	5.2	6.5	7.8	10.4	13.0	15.6				**1 835**	**9 177**
800	ΔU	0.8	1.5	2.2	2.6	4.5	5.3	7.3								**4 181**	**21 210**
	ΔC	1.6	2.7	4.2	5.3	8.0	10.6	13.3	16.0							**1 530**	**7 750**
1000	ΔU	1.9	3.2	5.1	6.4	9.5	12.7	15.9								**714**	**3 671**
	ΔC	3.2	5.3	8.4	10.5	15.8										**1 326**	**6 526**
1200	ΔU	4.0	6.6	10.6	13.3											**1 733**	**8 871**
	ΔC	5.3	8.8	14.0												**1 020**	**5 404**
1400	ΔU	7.1	11.9													**1 020**	**5 404**
	ΔC	8.4	14.0													**714**	**3 671**

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
26.4 kg/m², easy to move around.

Non-conductive
Non-conducting material.

Slip resistant
Fine silica sand grit gives good footing.