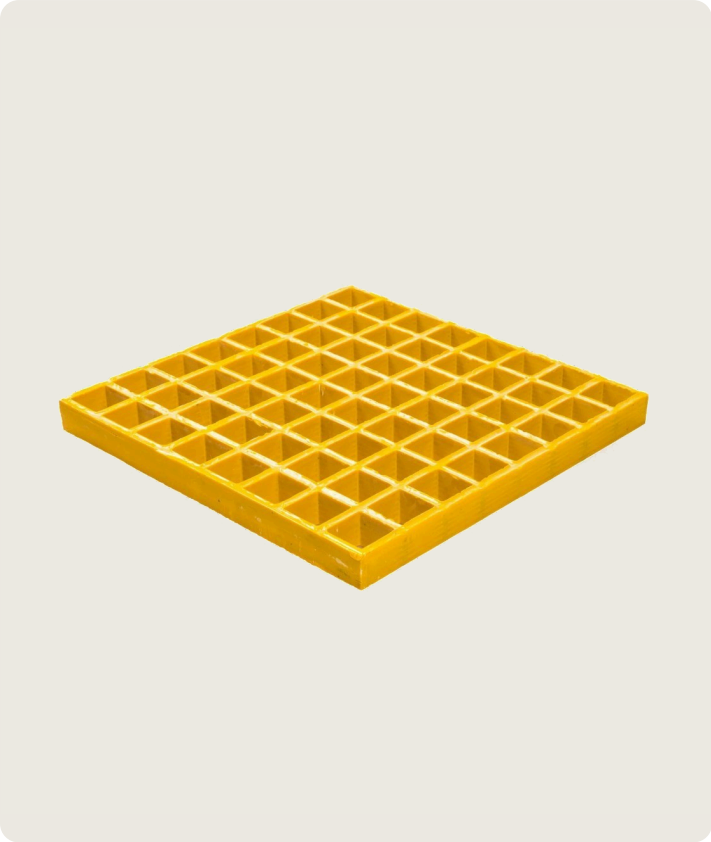
GLASSFIBER PRODUKTER

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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.

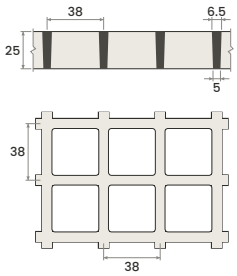
## Product facts

| | |
|---|---|
| **Art. no.** | 15022 |
| **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** | Yellow (RAL 1003) |

## Technical data

| | |
|---|---|
| **Resin** | Vinyl ester |
| **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 +85 °C |
| **Fire resistance** | FSI-0, SDI-25 (ASTM E84:2023) |

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.

**Fire class**
FSI-0, SDI-25 (ASTM E84:2023).

**Concave surface**
U-profile gives good footing.