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PRODUCT DATA SHEET

PULTRUDED GRATING

Pultruded GRP grating

38 mm · bar pitch 29 mm

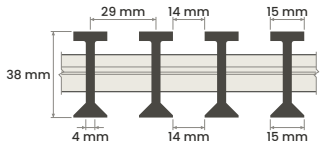
Product facts

Art. no.	15514
Type	Pultruded grating
Height	38 mm
Bar pitch	29 mm
Panel size	1000 × 6000 mm
Weight	20.7 kg/m²
Weight per panel	124.2 kg
Colour	Black (RAL 9004)

Technical data

Resin	Phenolic
Surface	Fine silica sand grit
Opening between bars	14 mm
Open area	48 %
Temperature range	-40 °C to +60 °C
Fire resistance	ASTM E84-05, Class 1 (flame spread < 25)
Electrical conductivity	Conductive (EN 13463-1)

DIMENSIONS AND MESH



Load and deflection

Clear span (mm)		Load ΔU = kN/m², ΔC = kN/m														Max recom.
		3	5	8	10	13	15	20	25	39	50	100	150	200	250	kN
400	ΔU	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.5	0.9	1.4	1.9	2.3	**756**
	ΔC	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.5	1.9	3.8	5.6	7.5	9.4	**150**
600	ΔU	0.1	0.2	0.3	0.3	0.5	0.5	0.7	0.9	1.4	1.7	3.5	5.2	7.0	8.7	**325**
	ΔC	0.3	0.5	0.7	0.9	1.2	1.4	1.9	2.3	3.6	4.6	9.3	13.9			**99**
800	ΔU	0.3	0.5	0.8	1.0	1.3	1.5	2.0	2.5	3.8	4.9	9.8	14.7			**185**
	ΔC	0.6	1.0	1.6	2.0	2.6	2.9	3.9	4.9	7.7	9.8					**74**
1000	ΔU	0.7	1.1	1.8	2.3	3.0	3.4	4.6	5.7	8.9	11.4					**116**
	ΔC	1.1	1.8	2.9	3.7	4.7	5.5	7.3	9.1	14.2						**58**
1200	ΔU	1.4	2.3	3.7	4.7	6.1	7.0	9.3	11.7							**75**
	ΔC	1.9	3.1	5.0	6.2	8.1	9	12.5	15.6							**45**
1400	ΔU	2.6	4.3	6.9	8.6	11.2	13.0									**55**
	ΔC	3.0	4.9	7.9	9.9	12.8	14.8									**38**
1600	ΔU	4.4	7.3	11.7	14.7											**40**
	ΔC	4.4	7.3	11.7	14.7											**32**

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

Corrosion resistant | **Low weight** | **Conductive** | **Slip resistant**