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PRODUCT DATA SHEET

PULTRUDED GRATING

Pultruded GRP grating

38 mm · bar pitch 34 mm

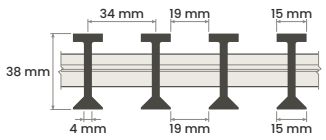
Product facts

Art. no.	15513
Type	Pultruded grating
Height	38 mm
Bar pitch	34 mm
Panel size	1000 × 6000 mm
Weight	15.7 kg/m²
Weight per panel	94.2 kg
Colour	Black (RAL 9004)

Technical data

Resin	Phenolic
Surface	Fine silica sand grit
Opening between bars	19 mm
Open area	55 %
Temperature range	-40 °C to +60 °C
Fire resistance	ASTM E84-05, Class 1 (flame spread < 25)
Electrical conductivity	Conductive (EN 13463-1, EN 50014)

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	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.7	1.4	2.1	2.1	3.5	**504**
	ΔC	0.2	0.3	0.5	0.6	0.7	0.8	1.1	1.4	2.2	2.8	5.6	8.4	8.4	14.1	**100**
600	ΔU	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.3	2.0	2.6	5.2	7.8	7.8	13.0	**217**
	ΔC	0.4	0.7	1.1	1.4	1.8	2.1	2.8	3.5	5.4	7.0	13.9				**66**
800	ΔU	0.4	0.7	1.2	1.5	1.9	2.2	2.9	3.7	5.7	7.4	14.7				**124**
	ΔC	0.9	1.5	2.4	2.9	3.8	4.4	5.9	7.4	11.5	14.7					**49**
1000	ΔU	1.0	1.7	2.7	3.4	4.4	5.1	6.8	8.6	13.3						**78**
	ΔC	1.6	2.7	4.4	5.5	7.1	8.2	10.9	13.7							**38**
1200	ΔU	2.1	3.5	5.6	7.0	9.1	10.5	14.0								**50**
	ΔC	2.8	4.7	7.5	9.3	12.1	14.0									**30**
1400	ΔU	3.9	6.5	10.4	12.9											**36**
	ΔC	4.4	7.4	11.8	14.8											**25**
1600	ΔU	6.6	11.0													**27**
	ΔC	6.6	11.0													**21**

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**