

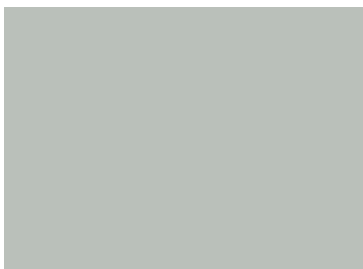
Celtic 200µm Plastisol

Pre-finished steel for roof and wall cladding

Available from Celtic Profiles, part of Tata Steel (formerly Corus), Celtic 200µm Plastisol is a leathergrain plastisol product, suitable for light industrial and agricultural applications, where good performance is required at a competitive price.

- 200µm durable, abrasion-resistant topcoat.
- Leathergrain emboss.
- Available in five popular colours.
- Galvanised substrate offers good corrosion resistance.
- 5-7 day lead times.
- Celtic Profiles dedicated phone line.
- Technical support.
- Manufactured in the UK.

Colour Range



Goosewing Grey 10A05



Olive Green 12B27



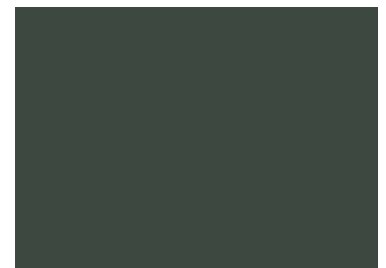
Merlin Grey 18B25

Celtic Profiles

Shotton Works
Deeside
Flintshire
CH5 2NH
Direct Line: 01244 892115



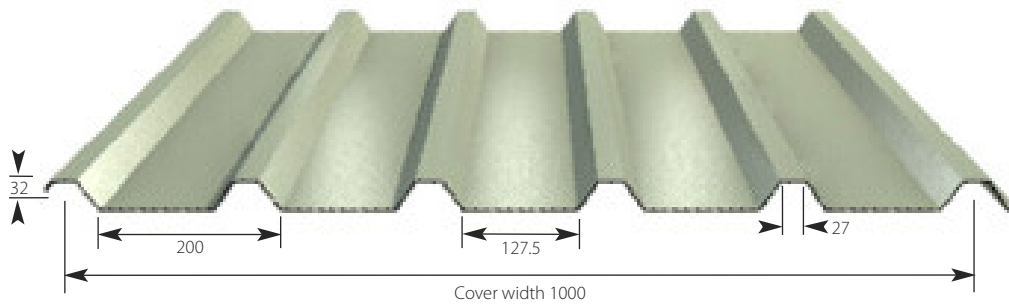
Raven 18B29



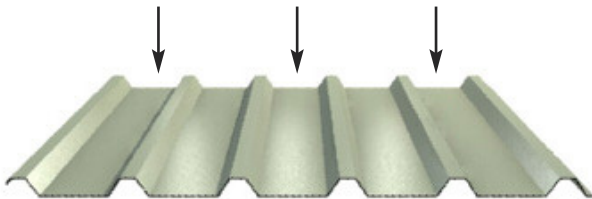
Juniper Green 12B29

R32/1000 from Celtic Profiles

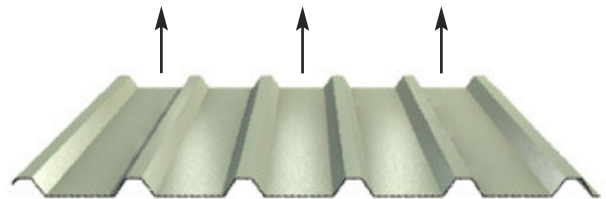
Celtic 200µm Plastisol



Imposed load - deflection limit span / 200
Narrow flange in compression, single span



Wind suction load - deflection limit span / 90
Broad flange in compression, single span



Self imposed (positive) loads (kN/m²)

Span Condition	Span (m)																
	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60
Single	5.35	4.43	3.72	3.17	2.73	2.38	2.08	1.74	1.46	1.24	1.07	0.92	0.80	0.70	0.62	0.55	0.49
Double	2.87	2.49	2.18	1.93	1.72	1.54	1.39	1.26	1.15	1.05	0.97	0.89	0.83	0.77	0.71	0.67	0.62
Multi	3.42	2.97	2.61	2.31	2.06	1.85	1.67	1.52	1.39	1.27	1.17	1.08	1.00	0.93	0.86	0.81	0.76

Safe wind suction (negative) loads (kN/m²)

Span Condition	Span (m)																
	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60
Single	4.74	3.91	3.29	2.80	2.38	1.94	1.59	1.33	1.12	0.95	0.82	0.71	0.61	0.54	0.47	0.42	0.37
Double	3.04	2.65	2.33	2.06	1.84	1.65	1.49	1.36	1.24	1.14	1.05	0.97	0.90	0.83	0.78	0.70	0.62
Multi	3.61	3.15	2.77	2.46	2.20	1.98	1.79	1.63	1.49	1.37	1.26	1.17	1.02	0.89	0.79	0.70	0.62

Maximum Span under Line Load*

Line Load kN/m	1.5	2.0	3.0
Single span (m)	1.77	1.33	0.89
Double/multi span (m)	2.12	1.59	1.06

*Line loads as defined in BS5950 Part 6 section 2.2. Roof loading should be calculated in accordance with BS 6399:Part 3 (Part 2 for wind loading). We recommend a minimum line load of 1.5kN/m and a minimum imposed UDL of 1.2kN/m². Snow and wind loading may be more severe than this, however.

These load span tables have been calculated to BS5950:Part 6 and provide safe working loads (factor 1.5). Information in this datasheet may be changed without notice.