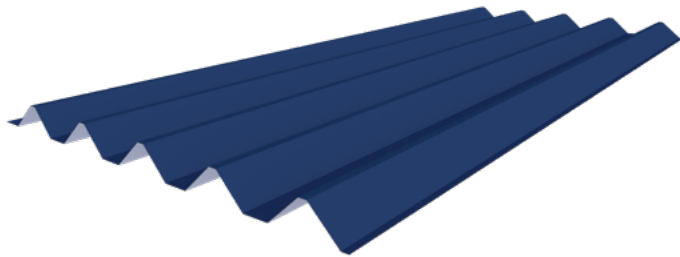


Mountain / TR1000-5

MyWall Collection / Architectural
metal facade panels



- Hot-dip galvanised structural steel sheet corrugated profile with high structural efficiency.
- Steel envelopes for facades in industrial and commercial buildings and sports facilities.
- Product CE marked according to EN 14782 and EN 1090.
- Usable width of 1,000 mm by overlapping and production lengths of up to 8,000 mm.
- Extensive colour palette and wide range of highly durable coatings.

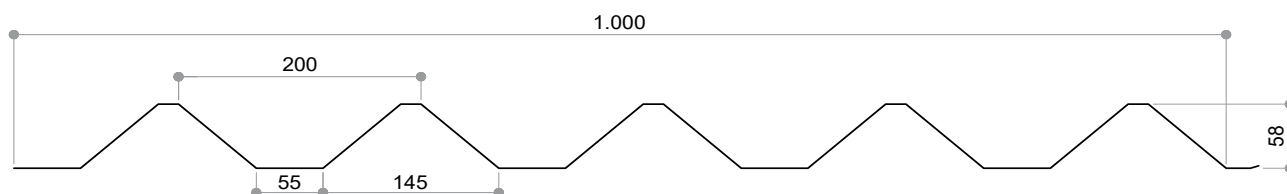


TECZONE

Mountain / TR1000-5

MyWall Collection

MANUFACTURING CHARACTERISTICS



Useful width	1,000 mm
Maximum manufacturing length	8000 mm
Type of steel	Standard S220GD
Thicknesses	0.6 / 0.7 mm
Coatings	Standard Galvanised Z275 Galvanised and lacquered with silicon polyester 25 microns
	Special HD, HDS, HDX, PVDF, PET

Steel sheet certifications

Steel used according to EN 10346 (galvanised) and EN 10169 (organic coatings).

Mountain Profile Certification /TR1000-5

CE marked according to EN 14782:2006 and EN 1090-1:2009+A1:2011.



TECHNICAL DATA OF THE PROFILE

THICKNESS (mm)	PROFILE WEIGHT (kg/m ²)
0.6	5.89
0.7	6.87

REACTION TO FIRE

The TR1000-5 profile has the reaction to fire classification A1 according to EN 13501-1:2018 (Euroclasses).

Mountain / TR1000-5

MyWall Collection

MAXIMUM ALLOWABLE LOADS UNDER PRESSURE (daN/m²)

LENGTH BETWEEN SUPPORTS (mm)

e (mm)	SUPPORTS	750	1000	1250	1500	1750	2000	2250	2500
0,6		719	539	431	359	286	221	176	142
		959	643	451	335	258	205	167	139
		899	674	539	405	313	250	204	169
0,7		955	716	573	473	351	271	215	172
		1256	805	563	416	320	254	206	171
		1194	805	680	505	389	310	252	210

1 daN/m² ≈ 1 kp/m²

MAXIMUM ALLOWABLE SUCTION LOADS (daN/m²)

LENGTH BETWEEN SUPPORTS (mm)

e (mm)	SUPPORTS	750	1000	1250	1500	1750	2000	2250	2500
0,6		-1538	-874	-562	-391	-288	-221	-175	-120
		-1482	-849	-550	-386	-286	-221	-176	-139
		-1853	-1061	-688	-483	-358	-276	-220	-174
0,7		-1881	-1067	-685	-476	-350	-269	-213	-146
		-1818	-1041	-675	-473	-351	-271	-215	-170
		-2273	-1301	-843	-591	-438	-338	-269	-212

1 daN/m² ≈ 1 kp/m²

NOTES:

- The values given in the table are allowable loads (unfactored), to be compared with the sum of characteristic loads (also unfactored) for each project
- Tables calculated according to Eurocode 3, part 1.3. Maximum permissible deflection criterion: L/200, where L is the distance between supporting purlins.
- Tables valid only for pre-dimensioning. The final structural calculation must be carried out by the designer in accordance with the regulations applicable in each country.
- In the case of pressure loads, the calculation assumes a bearing width of 200 mm. For smaller support widths, the permissible load values may be significantly reduced.
- For alternative configurations or load cases, please contact our technical department. Kingspan | Teczone expressly disclaims any liability arising from the use of these tables.



Download the latest version by scanning the QR code or by clicking [here](#)

Teczone Española S.A.U. reserves the right to modify the contents of this document without any prior warning. Every effort has been made to ensure that the content of this publication is accurate, but Teczone Española S.A.U. and its affiliated companies are not responsible for errors or information that may be misleading. Suggestions regarding the final use or application of the products or work methods are merely informative and Teczone Española S.A.U. and its affiliates do not accept any responsibility in this regard.