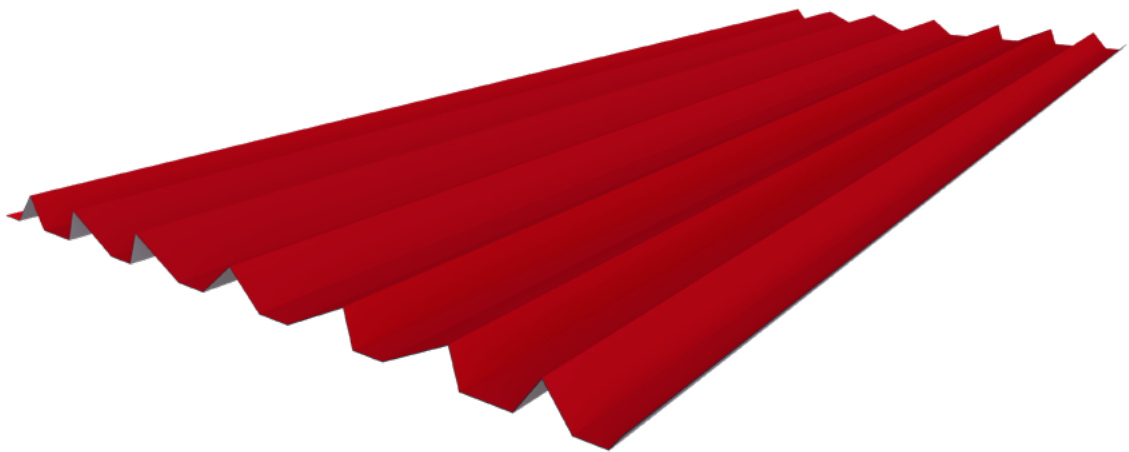


Star / TR937-7

MyWall Collection / Architectural metal envelopes for facades



- Hot-dip galvanised structural steel sheet corrugated profile with high structural efficiency
- Metal envelopes for facades in industrial and commercial buildings and sports facilities.
- Product CE marked according to EN 14782 and EN 1090.
- Usable width of 937 mm by overlapping and production lengths up to 8,000 mm.
- Extensive colour palette and wide range of highly durable coatings.

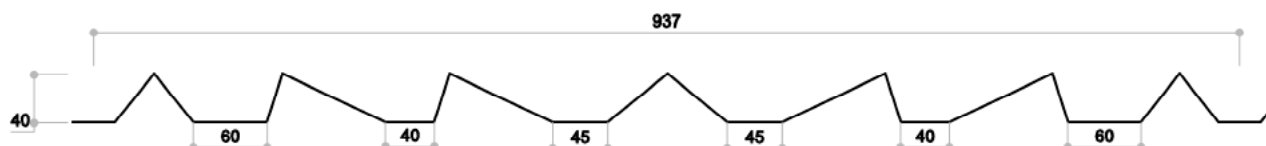


TECZONE

Star / TR937-7

MyWall Collection

MANUFACTURING CHARACTERISTICS



Useful width	937 mm
Maximum manufacturing length	8,000 mm
Steel type	Standard S220GD
Thickness	0.6 / 0.7 mm
Coatings	Standard Galvanised Z275 Galvanised and lacquered with silicon polyester 25 µm
	Special HD, HDS, HDX, PVDF

Certificaciones chapa de acero

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

Profile Certification TR937-7

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	6.28
0.7	7.33

REACTION TO FIRE

The TR937-7 profile has the reaction to fire classification A1 according to EN 13501-1:2018 (Euroclasses).

Star / TR937-7

MyWall Collection

MAXIMUM ALLOWABLE LOADS UNDER PRESSURE (daN/m²)

e (mm)	SUPPORTS	SPAN BETWEEN SUPPORTS (mm)							
		750	1000	1250	1500	1750	2000	2250	2500
0.6		714	401	257	178	131	100	79	61
		790	482	313	219	161	124	98	79
		961	589	391	274	202	154	122	99
0.7		838	471	301	209	153	118	93	71
		957	572	370	260	191	146	116	94
		1166	711	463	324	239	183	145	117

1 daN/m² ≈ 1 kp/m²

MAXIMUM ALLOWABLE SUCTION LOADS (daN/m²)

e (mm)	APOYOS	SPAN BETWEEN SUPPORTS (mm)							
		750	1000	1250	1500	1750	2000	2250	2500
0.6		-851	-484	-313	-219	-161	-114	-81	-59
		-714	-401	-257	-178	-131	-100	-79	-64
		-893	-502	-321	-223	-164	-125	-99	-80
0.7		-1006	-572	-370	-260	-191	-135	-95	-70
		-838	-471	-301	-209	-153	-118	-93	-75
		-1047	-589	-376	-261	-192	-147	-116	-94

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.



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