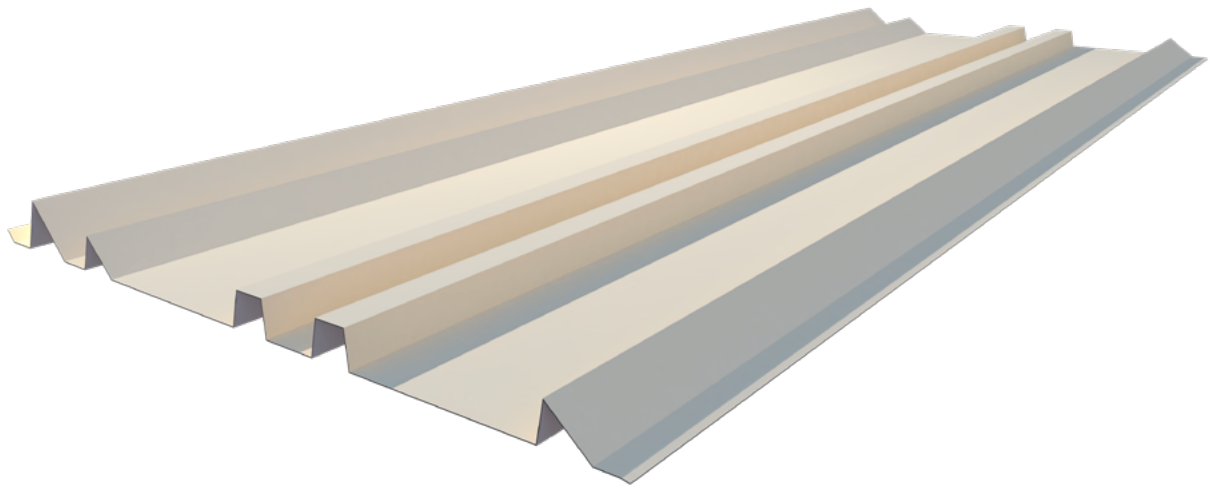


Asteroid / MX898-5

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 898 mm by overlapping and production lengths up to 8,000 mm.
- Extensive colour palette and wide range of highly durable coatings.

CE

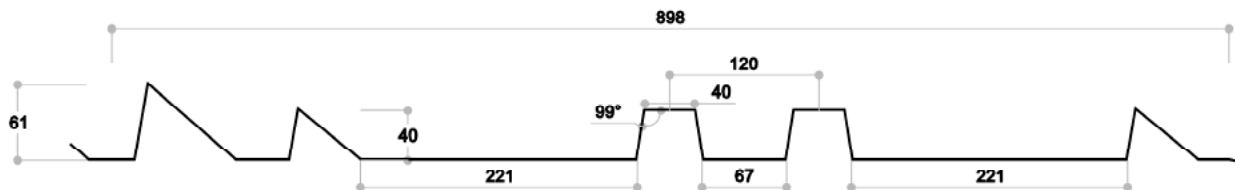

Kingspan

TECZONE

Asteroid / MX898-5

MyWall Collection

MANUFACTURING CHARACTERISTICS



Useful width	898 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

Steel sheet certifications

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

Profile Certification CD950-4

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	6.56
0.7	7.65

REACTION TO FIRE

The MX898-5 profile has the reaction to fire classification A1 according to EN 13501-1:2018 (Euroclasses).

Asteroid / MX898-5

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		559	314	201	140	103	79	62	50
		572	347	225	159	118	91	72	59
		699	427	282	198	147	114	90	73
0.7		661	386	252	177	131	100	80	63
		690	409	266	188	139	108	85	69
		844	512	333	234	174	135	107	87

1 daN/m² ≈ 1 kp/m²

MAXIMUM ALLOWABLE SUCTION LOADS (daN/m²)

e (mm)	SUPPORTS	SPAN BETWEEN SUPPORTS (mm)							
		750	1000	1250	1500	1750	2000	2250	2500
0.6		-559	-314	-201	-140	-103	-79	-62	-49
		-491	-295	-197	-140	-103	-79	-62	-50
		-613	-369	-246	-175	-128	-98	-78	-63
0.7		-750	-424	-271	-188	-138	-106	-78	-58
		-571	-344	-231	-165	-124	-96	-77	-63
		-714	-430	-288	-207	-155	-121	-96	-79

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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