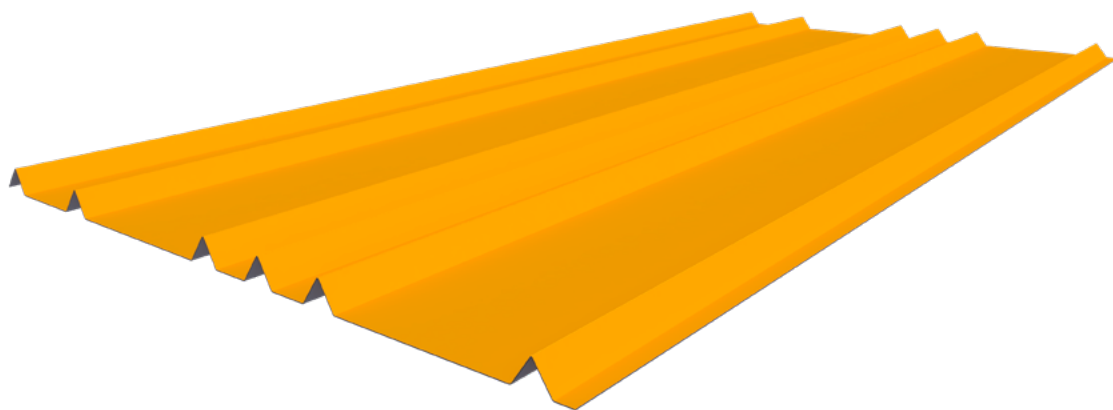


Aqua / TR975-6

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

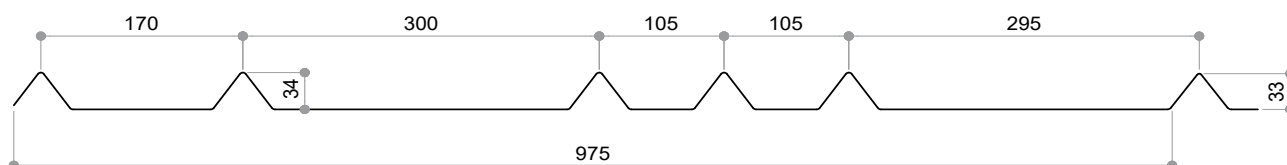


TECZONE

Aqua / TR975-6

MyWall Collection

MANUFACTURING CHARACTERISTICS



Useful width	975 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 micron
	Special HD, HDS, HDX, PVDF, PET

Steel sheet certifications

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

Aqua Profile Certification / TR975-6

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	6.04
0.7	7.04

REACTION TO FIRE

The TR975-6 profile has the reaction to fire classification A1 according to EN 13501-1:2018 (Euroclasses).

Aqua / TR975-6

MyWall Collection

MAXIMUM ALLOWABLE LOADS UNDER PRESSURE (daN/m²)

		SPAN BETWEEN SUPPORTS (mm)							
e (mm)	SUPPORTS	750	1000	1250	1500	1750	2000	2250	2500
0.6		429	241	154	107	79	60	43	32
		311	178	116	81	60	46	37	30
		388	223	145	100	75	58	46	37
0.7		496	279	179	124	91	70	50	37
		369	212	137	96	71	55	44	36
		461	264	172	120	89	69	55	44

1 daN/m² ≈ 1 kp/m²

MAXIMUM ALLOWABLE SUCTION LOADS (daN/m²)

		SPAN BETWEEN SUPPORTS (mm)							
e (mm)	SUPPORTS	750	1000	1250	1500	1750	2000	2250	2500
0.6		-292	-164	-105	-73	-54	-41	-32	-26
		-429	-241	-154	-107	-79	-60	-48	-39
		-456	-256	-164	-114	-84	-64	-51	-41
0.7		-369	-212	-137	-96	-71	-55	-41	-30
		-496	-279	-179	-124	-91	-70	-55	-45
		-576	-330	-214	-150	-111	-86	-68	-54

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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