

Waves / TR895-5

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

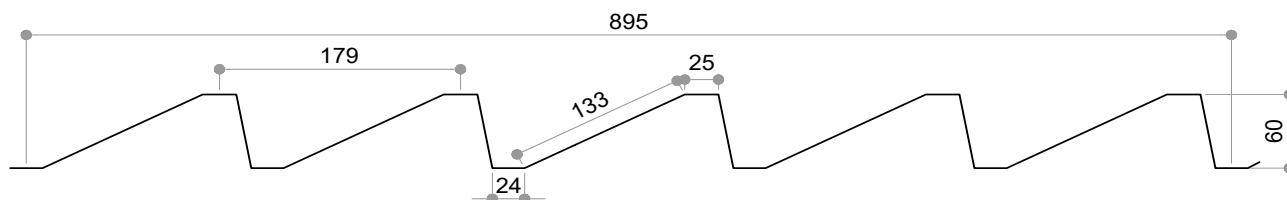


TECZONE

Waves / TR895-5

MyWall collection profile

MANUFACTURING CHARACTERISTICS



Useful width	895 mm
Maximum manufacturing length	8,000 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).

Waves Profile Certification /TR895-5

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	6.58
0.7	7.67

REACTION TO FIRE

The TR895-5 profile has the reaction to fire classification A1 according to EN 13501-1:2018 (Euroclasses).

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MAXIMUM ALLOWABLE LOADS UNDER PRESSURE (daN/m²)

e (mm)	SUPPORTS	LENGTH BETWEEN SUPPORTS (mm)							
		750	1000	1250	1500	1750	2000	2250	2500
0,6		868	651	521	434	372	307	242	196
		1158	749	522	385	296	234	190	158
		1085	814	630	466	360	286	233	193
0,7		1154	865	692	577	465	356	282	228
		1471	938	652	479	368	291	236	196
		1442	1082	788	582	448	256	289	240

1 daN/m² ≈ 1 kp/m²

MAXIMUM ALLOWABLE SUCTION LOADS (daN/m²)

e (mm)	SUPPORTS	LENGTH BETWEEN SUPPORTS (mm)							
		750	1000	1250	1500	1750	2000	2250	2500
0,6		-1760	-997	-640	-445	-327	-250	-198	-159
		-2181	-1227	-785	-545	-401	-307	-242	-196
		-2727	-1534	-982	-682	-501	-383	-303	-245
0,7		-2155	-1222	-784	-545	-400	-306	-242	-188
		-2534	-1425	-912	-633	-465	-356	-282	-228
		-3167	-1782	-1140	-792	-582	-445	-352	-285

1 daN/m² ≈ 1 kp/m²

NOTES:

- The values given in the table are permissible loads without majoring, to be compared with the sum of characteristic loads (without majoring) for each project.
- Tables calculated for maximum permissible deflection: L/200, where L is the distance between supporting purlins, according to Eurocode 3, part 1.3.
- Tables valid for pre-dimensioning only. The designer must carry out the structural design in accordance with the regulations applicable in each country.
- In the case of pressure loads, the calculation has been made for a support width of 200 mm, if this is reduced, the table values will be significantly reduced.
- For strength verification according to EN 1993-1-3, or for other load cases, please contact our technical department. Kingspan | Teczone expressly disclaims any liability arising from the use of these boards.



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