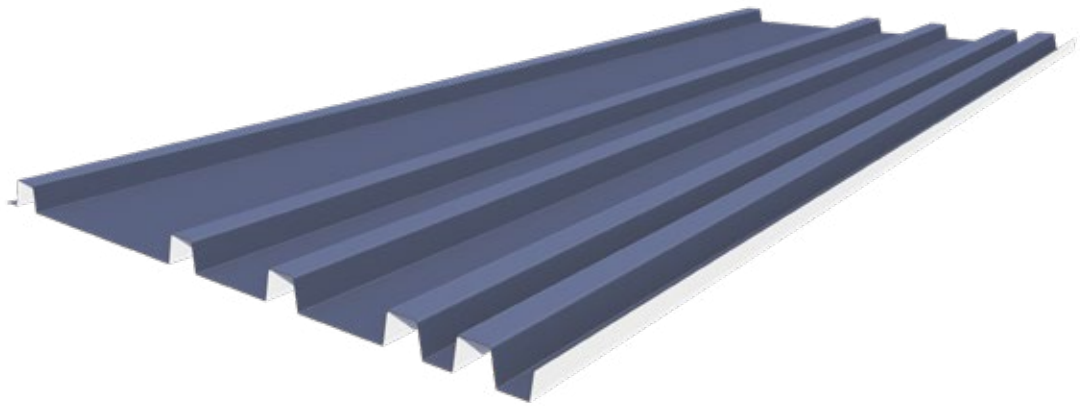


River / CD855-5

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

CE

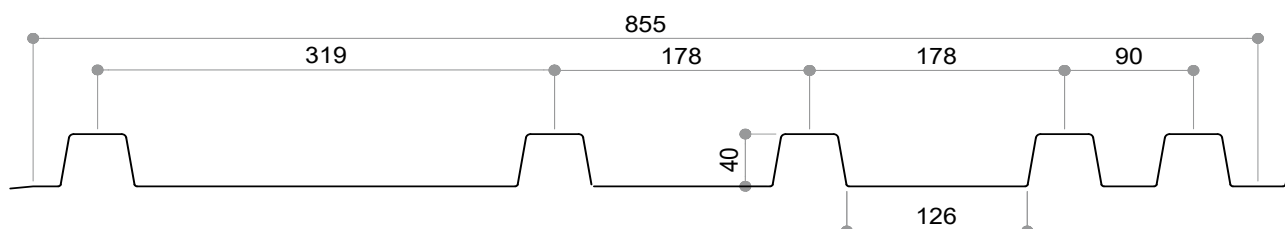

Kingspan.

TECZONE

River / CD855-5

MyWall collection profile

MANUFACTURING CHARACTERISTICS



Useful width	855 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).

River Profile Certification / CD855-5

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	6.89
0.7	8.03

REACTION TO FIRE

The CD855-5 profile has the reaction to fire classification A1 according to EN 13501-1:2018 (Euroclasses).

River / CD855-5

MyWall collection profile

MAXIMUM ALLOWABLE LOADS UNDER PRESSURE (daN/m²)

LENGTH BETWEEN SUPPORTS (mm)

e (mm)	SUPPORTS	750	1000	1250	1500	1750	2000	2250	2500
0,6		704	528	353	246	181	138	109	82
		586	373	256	183	137	107	86	70
		711	455	317	228	171	134	107	88
0,7		936	677	435	303	223	171	133	97
		736	468	316	226	170	133	107	88
		895	573	396	283	213	166	133	110

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		-585	-332	-210	-147	-108	-83	-66	-53
		-966	-550	-353	-246	-181	-138	-109	-89
		-922	-519	-332	-230	-169	-130	-102	-83
0,7		-794	-448	-287	-199	-146	-112	-88	-72
		-1190	-677	-435	-303	-223	-171	-135	-109
		-1241	-700	-445	-311	-225	-175	-138	-112

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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