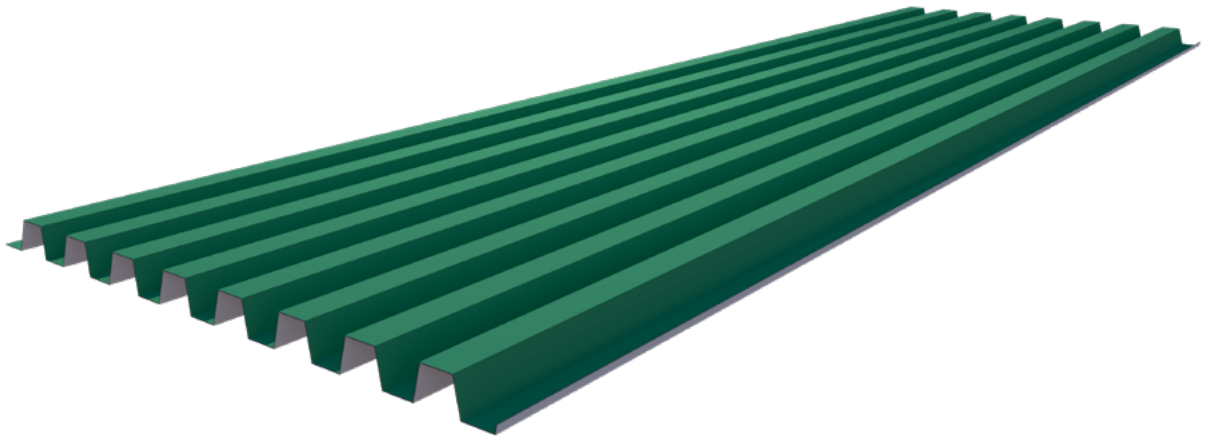


Forest / CD744-8

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

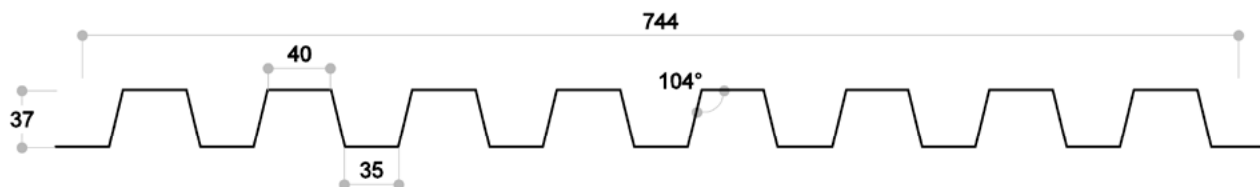


TECZONE

Forest / CD744-8

MyWall Collection

MANUFACTURING CHARACTERISTICS



Useful width	744 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 25 µm
	Special HD, HDS, HDX, PVDF

Steel sheet certifications

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

Profile Certification CD744-8

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	7.91
0.7	9.23

REACTION TO FIRE

The CD744-8 profile has the reaction to fire classification A1 according to EN 13501-1:2018 (Euroclasses).

Forest / CD744-8

MyWall Collection

MAXIMUM ALLOWABLE LOADS UNDER PRESSURE (daN/m²)

e (mm)	SUPPORTS	SPAN BETWEEN SUPPORTS (mm)							
		750	1,000	1,250	1,500	1,750	2,000	2,250	2,500
0.6		1832	1065	687	475	303	205	144	106
		1384	853	560	391	288	220	174	141
		1686	1043	700	488	360	276	218	176
0.7		2301	1316	849	562	358	241	170	124
		1715	1055	684	477	352	269	213	172
		2091	1291	855	596	440	337	266	216

1 daN/m² ≈ 1 kp/m²

MAXIMUM ALLOWABLE SUCTION LOADS (daN/m²)

e (mm)	APOYOS	SPAN BETWEEN SUPPORTS (mm)							
		750	1,000	1,250	1,500	1,750	2,000	2,250	2,500
0.6		-1505	-871	-560	-391	-288	-197	-140	-107
		-1873	-1065	-687	-480	-355	-272	-215	-174
		-2341	-1331	-858	-600	-443	-339	-260	-201
0.7		-1835	-1063	-684	-477	-342	-231	-164	-125
		-2301	-1316	-849	-593	-438	-336	-265	-215
		-2867	-1645	-1061	-742	-548	-548	-306	-237

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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