

EuroZip® 65 Profile

STANDING SEAM ROOF & WALL CLADDING

EuroZip 65 is zip lock series standing seam system combines the effectiveness of the conventinal clip fixed systems and series and a double seam lock. It provided a system that allows virtually unlimited thermal expansion and contraction . The zip seaming system on the other hand gives the system on the other hand gives the system excellent restraining strength required to withstand strong wind uplifts.

WEATHERING

With standard pan widths of 400 and Seam Rib heights of 65mm, this profile provies excellent water shedding properties and flexibility in design allowing for roofs with as low as 1.5 degree pitch. Other standard pan widths of 300 and 500 are also available. Pans varying widths (tapered) are also available from widths of 250 to 500mm (as optional extras) Coupled with its concealed fixing and non-puncturing fastening system, it provides excellent weathering even for the highest intensity rain falls.

SUBSTRATES & FINISHES

EuroZip 65 is available in stainless steel, aluminum and even coated steel of various finishes and amongst them include Colorcoat HPS200® Ultra (200 microns High Performance Plastisol), PVF2, polyester, various mill embossed finishes for aluminum and stainless steel.

MANUFACTURING FLEXIBILITY

For better execution, our profiling machines are transportable and housed in standard container units allowing for "on site forming" for virtually unlimited sheet lengths(eliminating end laps).

EUROZIP AND THE ENVIROMENT

Given the nature of the system, sheeting can easily be un-installed as they are installed by mere means of unzipping. This allows for easy replacement of damaged sheets or to be reused (or recycled) for use on other buildings. As with most built-up roofing systems, suitable thermal insulation requirements can easily ba catered for hence reducing air conditioning needs.

STRUCTURAL PROFILE

EUROZIP 65 are structural profiles in nature. Please refer to the span/UDL imposed load tables found below information for the Eurozip 65/400 model.

ACOUSTICS

Used in combination with EP's 1000/35, 900/19 or MS 900/20 profile abnd variety of available insulation and built-ups. a suitable system can be designed to suit various acoustic requirements.



Aluminium Thickness: 0.90mm				Aluminium Thickness: 1.20mm			
Loads kN/m ²	Deflection / Spans			Loads kN/m ²	Deflection / Spans		
	L/100	L/150	L/200		L/100	L/150	L/200
0.50	3.87	3.38	3.07	0.50	4.26	3.72	3.38
0.75	3.38	2.95	2.68	0.75	3.72	3.25	2.95
1.00	3.07	2.68	2.44	1.00	3.38	2.95	2.68
1.25	2.85	2.49	2.26	1.25	3.14	2.74	2.49
1.50	2.68	2.34	2.13	1.50	2.95	2.58	2.34
1.75	2.55	2.23	2.02	1.75	2.81	2.45	2.23
2.00	2.44	2.13	1.93	2.00	2.68	2.34	2.13
2.25	2.34	2.05	1.86	2.25	2.58	2.25	2.05

Steel Thickness: 0.70mm				Steel Thickness: 0.90mm			
Loads kN/m ²	Deflection / Spans			Loads kN/m ²	Deflection / Spans		
	L/100	L/150	L/200		L/100	L/150	L/200
0.50	5.08	4.44	4.03	0.50	5.86	5.12	4.65
0.75	4.44	3.88	3.52	0.75	5.12	4.47	4.06
1.00	4.03	3.52	3.20	1.00	4.65	4.06	3.69
1.25	3.74	3.27	2.97	1.25	4.31	3.77	3.42
1.50	3.52	3.08	2.8	1.50	4.06	3.55	3.22
1.75	3.35	2.92	2.66	1.75	3.86	3.37	3.06
2.00	3.20	2.80	2.54	2.00	3.69	3.22	2.93
2.25	3.08	2.69	2.44	2.25	3.55	3.10	2.82

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