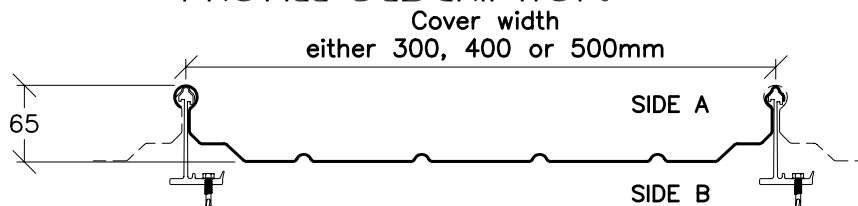


AP65ZS

STANDING SEAM ROOFING SYSTEM

PROFILE DESCRIPTION

ALUMINIUM PROFILE	
2005	Sheet
CI/SfB 27, Nh4	56.a.1



SECTION PROPERTIES

NOMINAL THICKNESS	mm	0.90
LOWER YIELD POINT	N/mm ²	190
WEIGHT INCL. SIDE LAP	kg/m ²	4
MAXIMUM SHEET LENGTH	m	100

ALL SPANS

(Deflection limited as shown)

Sheet Cover Width – 300mm				Maximum Total Load (kN/m ²)							
Halter length (mm)				1.2	1.4	1.5	1.6	1.8	2.0	2.2	2.4
75mm Standard Halters	POSITIVE	↓	(L/300)	5.85	3.46	3.12	2.78	1.94	1.41	0.98	0.71
75mm Standard Halters	SUCTION	↑	(L/90)	4.30	3.69	3.46	3.23	2.87	2.58	2.34	2.15
100mm Extended Halters	POSITIVE	↓	(L/300)	5.85	3.46	3.12	2.78	1.94	1.41	0.98	0.71
100mm Extended Halters	SUCTION	↑	(L/90)	5.16	4.42	4.14	3.87	3.44	3.10	2.81	2.58

Sheet Cover Width – 400mm				Maximum Total Load (kN/m ²)							
Halter length (mm)				1.2	1.4	1.5	1.6	1.8	2.0	2.2	2.4
75mm Standard Halters	POSITIVE	↓	(L/300)	4.62	2.68	2.44	2.21	1.54	1.12	0.79	0.57
75mm Standard Halters	SUCTION	↑	(L/90)	3.23	2.76	2.59	2.42	2.15	1.94	1.76	1.61
100mm Extended Halters	POSITIVE	↓	(L/300)	4.62	2.68	2.44	2.21	1.54	1.12	0.79	0.57
100mm Extended Halters	SUCTION	↑	(L/90)	3.87	3.31	3.10	2.90	2.58	2.32	2.11	1.93

Sheet Cover Width – 500mm				Maximum Total Load (kN/m ²)							
Halter length (mm)				1.2	1.4	1.5	1.6	1.8	2.0	2.2	2.4
75mm Standard Halters	POSITIVE	↓	(L/300)	3.90	2.31	2.07	1.83	1.28	0.92	0.65	0.46
75mm Standard Halters	SUCTION	↑	(L/90)	2.58	2.21	2.07	1.94	1.72	1.55	1.42	1.29
100mm Extended Halters	POSITIVE	↓	(L/300)	3.90	2.31	2.07	1.83	1.28	0.92	0.65	0.46
100mm Extended Halters	SUCTION	↑	(L/90)	3.10	2.65	2.49	2.33	2.06	1.86	1.70	1.55

Loads are for a minimum support width of 50mm*, and can be from vertical downward loading or wind uplift. Higher values may be acceptable under certain conditions.

Walkability must be taken into account when considering maximum span tables.

The normal length of sheet for transport purposes is 10m. Longer lengths can be supplied, subject to negotiations. Please note that all dimensions and thicknesses are nominal as coated and/or as finished, and are subject to coil and manufacturing tolerances.

Please consult our experienced staff for all technical enquires.

Whilst every endeavour is made to keep literature up to date, specifications may change without prior notice due to a policy of continued research and development.

Architectural Profiles Limited cannot be held responsible for the mis-use of span tables and its contents.

E&OE

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