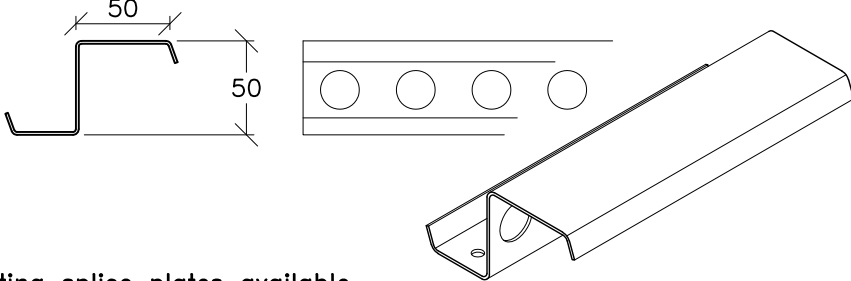
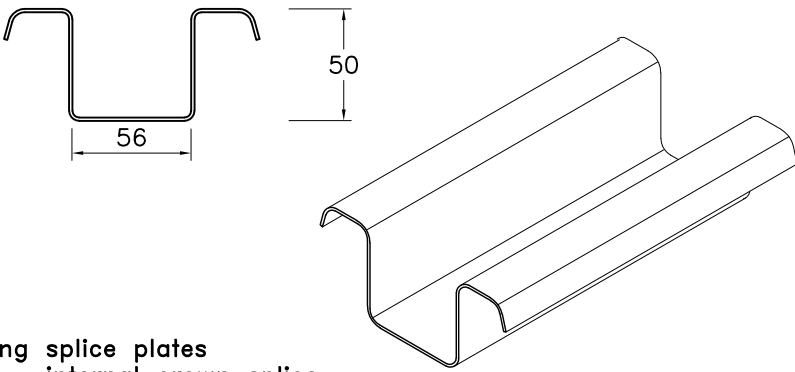
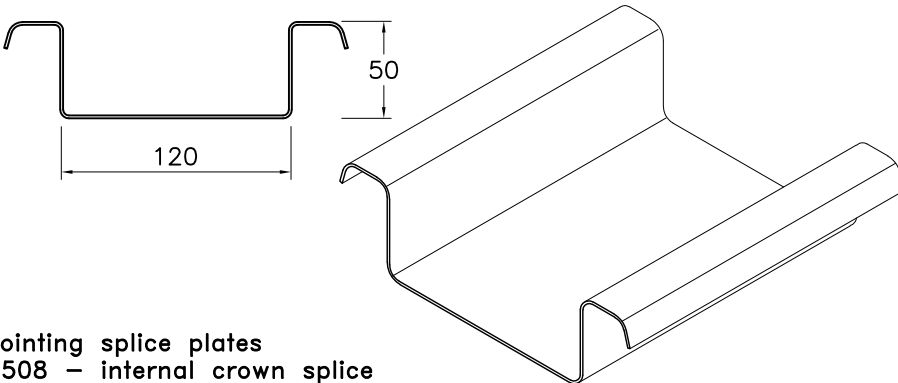


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COMPONENT DESCRIPTION 1

		Refs and Part nos
<p>AP Z 50</p>  <p>Jointing splice plates available P601 – fixed joint splice P463 – moving joint splice</p>	<p>Materials Galvanised Steel 1.5mm thick Fe S280 Hot dip zinc coated galvanizing – to BS/EN 10 147:1992</p> <p>Tritherm spacer system is protected under patent no. 2384792</p> <p>P030 – web perforate (ROOF) P600 – solid web (WALL)</p>	
<p>TH 50/56 TRACK/TOP HAT</p>  <p>Jointing splice plates P462 – internal crown splice</p>	<p><u>Available as</u></p> <p>P090 – un-punched P618 – flange punched</p>	
<p>TH 50/120 TRACK/TOP HAT</p>  <p>Jointing splice plates P508 – internal crown splice</p>	<p><u>Available as</u></p> <p>P089 – un-punched P621 – flange punched</p>	

Please note that all dimensions and thicknesses are nominal as coated and/or as finished, and are subject to coil and manufacturing tolerances.

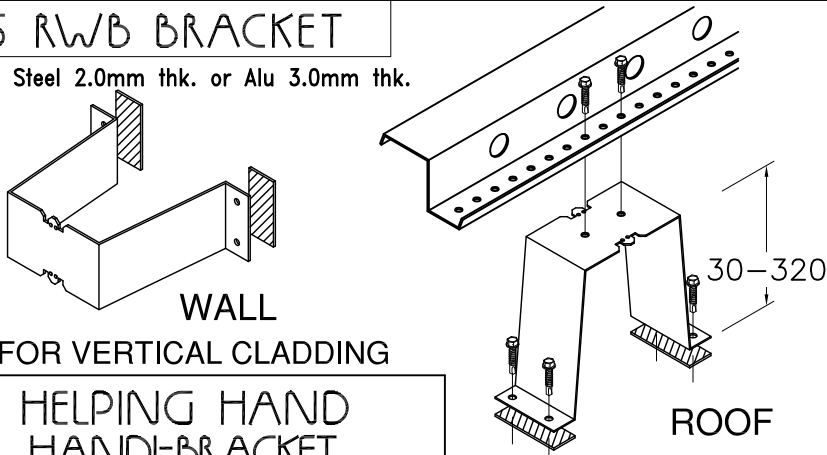
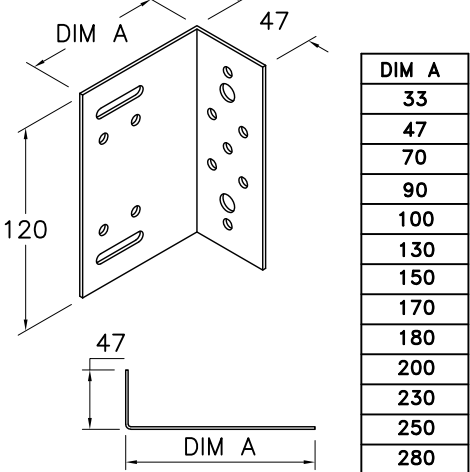
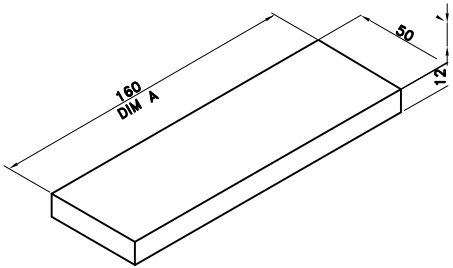
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STEEL PROFILE	
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COMPONENT DESCRIPTION 4

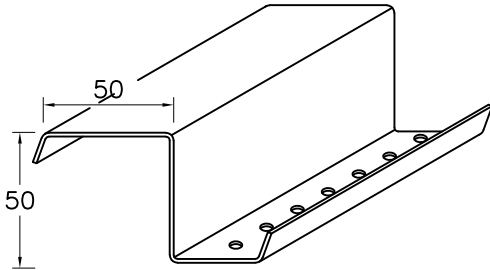
<p>P665 RWB BRACKET</p> <p>Materials Steel 2.0mm thk. or Alu 3.0mm thk.</p>  <p>WALL FOR VERTICAL CLADDING</p> <p>ROOF</p> <p>30-320</p>	<p>Refs and Part nos</p> <p>Materials Galvanised Steel Fe S280 Hot dip zinc coated galvanizing – to BS/EN 10 147:1992 – or – Aluminium grade 5251</p> <p>Tritherm spacer system is protected under patent no. 2384792 P665 – Roof spacer stool</p>														
<p>P157 HELPING HAND HANDI-BRACKET</p> <p>FOR HORIZONTAL & VERTICAL CLADDING</p>  <table border="1" data-bbox="558 1003 667 1422"> <thead> <tr> <th>DIM A</th> </tr> </thead> <tbody> <tr><td>33</td></tr> <tr><td>47</td></tr> <tr><td>70</td></tr> <tr><td>90</td></tr> <tr><td>100</td></tr> <tr><td>130</td></tr> <tr><td>150</td></tr> <tr><td>170</td></tr> <tr><td>180</td></tr> <tr><td>200</td></tr> <tr><td>230</td></tr> <tr><td>250</td></tr> <tr><td>280</td></tr> </tbody> </table>	DIM A	33	47	70	90	100	130	150	170	180	200	230	250	280	<p>P157 – wall handi-bracket</p> <p>sizes available – 33mm to 280mm Materials Steel 2.0/2.5mm thick – or – Aluminium grade 5251</p> <p>P665 – wall spacer stool</p>
DIM A															
33															
47															
70															
90															
100															
130															
150															
170															
180															
200															
230															
250															
280															
<p>P546 ISO PAD</p>  <table border="1" data-bbox="845 1657 1066 1780"> <thead> <tr> <th>REF</th> <th>DIM A</th> </tr> </thead> <tbody> <tr><td>+P546/50</td><td>50</td></tr> <tr><td>+P546/80</td><td>80</td></tr> <tr><td>+P546/160</td><td>160</td></tr> </tbody> </table>	REF	DIM A	+P546/50	50	+P546/80	80	+P546/160	160	<p>Materials Non Combustible</p> <p>sizes available – See Table</p> <p>P546 – thermal break pad</p>						
REF	DIM A														
+P546/50	50														
+P546/80	80														
+P546/160	160														

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SPAN TABLE • WALLS

AP Z 50 (P600)

(Deflection limited 1/200) unfactored Load (kN/m²)



LAI D VERTICALLY FOR
HORIZONTAL EXTERNAL
CLADDING

NOTE
AS 1 NO. FIXING PER FLANGE
PER RAIL

Single span (m)		Spacing of horizontal cladding rails							
		0.60	1.00	1.20	1.50	1.80	2.00	2.25	2.50
Spacing of vertical zeds	0.60 POSITIVE ▼	12.78	7.67	6.39	3.77	2.18	1.59	1.12	0.81
	0.60 SUCTION ▲	8.06	4.83	4.03	3.22	2.69	2.42	1.94	1.57
	1.00 POSITIVE ▼	7.67	4.60	3.83	2.26	1.31	0.95	0.67	0.49
	1.00 SUCTION ▲	4.83	2.90	2.42	1.93	1.61	1.45	1.16	0.94
	1.20 POSITIVE ▼	6.39	3.83	3.19	1.88	1.09	0.80	0.56	0.41
	1.20 SUCTION ▲	4.03	2.42	2.01	1.61	1.34	1.21	0.97	0.78
	1.50 POSITIVE ▼	5.11	3.07	2.56	1.51	0.87	0.64	0.45	0.33
	1.50 SUCTION ▲	3.22	1.93	1.61	1.29	1.07	0.97	0.77	0.63
	1.80 POSITIVE ▼	4.26	2.56	2.13	1.26	0.73	0.53	0.37	0.27
	1.80 SUCTION ▲	2.69	1.61	1.34	1.07	0.90	0.81	0.65	0.52
	2.00 POSITIVE ▼	3.83	2.30	1.92	1.13	0.65	0.48	0.34	0.24
	2.00 SUCTION ▲	2.42	1.45	1.21	0.97	0.81	0.73	0.58	0.47
	2.25 POSITIVE ▼	3.41	2.04	1.70	1.01	0.58	0.42	0.30	0.22
	2.25 SUCTION ▲	2.15	1.29	1.07	0.86	0.72	0.64	0.52	0.42
	2.50 POSITIVE ▼	3.07	1.84	1.53	0.90	0.52	0.38	0.27	0.20
	2.50 SUCTION ▲	1.93	1.16	0.97	0.77	0.64	0.58	0.46	0.38

(Deflection limited 1/200) unfactored Load (kN/m²)

NOTE : Maximum
permissible cantilever is
600mm for **wall**
applications (see SOV
details for roofing)

Double Span (m)		Spacing of horizontal cladding rails							
		0.60	1.00	1.20	1.50	1.80	2.00	2.50	3.00
Spacing of vertical zeds	0.60 POSITIVE ▼	12.78	7.67	6.39	5.11	3.78	3.06	1.64	0.95
	0.60 SUCTION ▲	8.06	4.83	4.03	3.22	2.69	2.42	1.93	1.36
	1.00 POSITIVE ▼	7.67	4.60	3.83	3.07	2.27	1.84	0.98	0.57
	1.00 SUCTION ▲	4.83	2.90	2.42	1.93	1.61	1.45	1.16	0.82
	1.20 POSITIVE ▼	6.39	3.83	3.19	2.56	1.89	1.53	0.82	0.47
	1.20 SUCTION ▲	4.03	2.42	2.01	1.61	1.34	1.21	0.97	0.68
	1.50 POSITIVE ▼	5.11	3.07	2.56	2.04	1.51	1.23	0.66	0.38
	1.50 SUCTION ▲	3.22	1.93	1.61	1.29	1.07	0.97	0.77	0.54
	1.80 POSITIVE ▼	4.26	2.56	2.13	1.70	1.26	1.02	0.55	0.32
	1.80 SUCTION ▲	2.69	1.61	1.34	1.07	0.90	0.81	0.64	0.45
	2.00 POSITIVE ▼	3.83	2.30	1.92	1.53	1.13	0.92	0.49	0.28
	2.00 SUCTION ▲	2.42	1.45	1.21	0.97	0.81	0.73	0.58	0.41
	2.25 POSITIVE ▼	3.41	2.04	1.70	1.36	1.01	0.82	0.44	0.25
	2.25 SUCTION ▲	2.15	1.29	1.07	0.86	0.72	0.64	0.52	0.36
	2.50 POSITIVE ▼	3.07	1.84	1.53	1.23	0.91	0.74	0.39	0.23
	2.50 SUCTION ▲	1.93	1.16	0.97	0.77	0.64	0.58	0.46	0.33

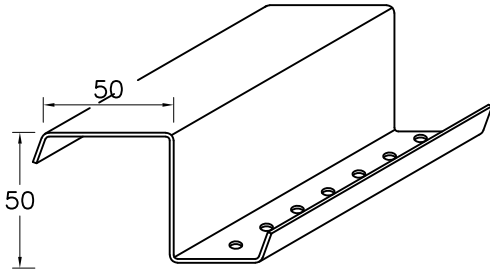
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SPAN TABLE • WALLS

AP Z 50 (P600)

(Deflection limited 1/200) unfactored Load (kN/m²)



LAI D VERTICALLY FOR
HORIZONTAL EXTERNAL
CLADDING

NOTE
AS 2 NO. FIXINGS PER
FLANGE PER RAIL

Single span (m)		Spacing of horizontal cladding rails								
		0.60	1.00	1.20	1.50	1.80	2.00	2.25	2.50	
Spacing of vertical zeds	0.60	POSITIVE ▼	12.78	7.67	6.39	3.77	2.18	1.59	1.12	0.81
	0.60	SUCTION ▲	12.08	7.25	6.04	4.36	3.03	2.45	1.94	1.57
	1.00	POSITIVE ▼	7.67	4.60	3.83	2.26	1.31	0.95	0.67	0.49
	1.00	SUCTION ▲	7.25	4.35	3.63	2.61	1.82	1.47	1.16	0.94
	1.20	POSITIVE ▼	6.39	3.83	3.19	1.88	1.09	0.80	0.56	0.41
	1.20	SUCTION ▲	6.04	3.63	3.02	2.18	1.51	1.23	0.97	0.78
	1.50	POSITIVE ▼	5.11	3.07	2.56	1.51	0.87	0.64	0.45	0.33
	1.50	SUCTION ▲	4.83	2.90	2.42	1.74	1.21	0.98	0.77	0.63
	1.80	POSITIVE ▼	4.26	2.56	2.13	1.26	0.73	0.53	0.37	0.27
	1.80	SUCTION ▲	4.03	2.42	2.01	1.45	1.01	0.82	0.65	0.52
	2.00	POSITIVE ▼	3.83	2.30	1.92	1.13	0.65	0.48	0.34	0.24
	2.00	SUCTION ▲	3.63	2.18	1.81	1.31	0.91	0.74	0.58	0.47
	2.25	POSITIVE ▼	3.41	2.04	1.70	1.01	0.58	0.42	0.30	0.22
	2.25	SUCTION ▲	3.22	1.93	1.61	1.16	0.81	0.65	0.52	0.42
	2.50	POSITIVE ▼	3.07	1.84	1.53	0.90	0.52	0.38	0.27	0.20
	2.50	SUCTION ▲	2.90	1.74	1.45	1.05	0.73	0.59	0.46	0.38

(Deflection limited 1/200) unfactored Load (kN/m²)

NOTE : Maximum
permissible cantilever is
600mm for **wall**
applications (see SOV
details for roofing)

Double Span (m)		Spacing of horizontal cladding rails								
		0.60	1.00	1.20	1.50	1.80	2.00	2.50	3.00	
Spacing of vertical zeds	0.60	POSITIVE ▼	12.78	7.67	6.39	5.11	3.78	3.06	1.64	0.95
	0.60	SUCTION ▲	12.08	7.25	6.04	4.83	3.78	3.06	1.96	1.36
	1.00	POSITIVE ▼	7.67	4.60	3.83	3.07	2.27	1.84	0.98	0.57
	1.00	SUCTION ▲	7.25	4.35	3.63	2.90	2.27	1.84	1.18	0.82
	1.20	POSITIVE ▼	6.39	3.83	3.19	2.56	1.89	1.53	0.82	0.47
	1.20	SUCTION ▲	6.04	3.63	3.02	2.42	1.89	1.53	0.98	0.68
	1.50	POSITIVE ▼	5.11	3.07	2.56	2.04	1.51	1.23	0.66	0.38
	1.50	SUCTION ▲	4.83	2.90	2.42	1.93	1.51	1.23	0.78	0.54
	1.80	POSITIVE ▼	4.26	2.56	2.13	1.70	1.26	1.02	0.55	0.32
	1.80	SUCTION ▲	4.03	2.42	2.01	1.61	1.26	1.02	0.65	0.45
	2.00	POSITIVE ▼	3.83	2.30	1.92	1.53	1.13	0.92	0.49	0.28
	2.00	SUCTION ▲	3.63	2.18	1.81	1.45	1.13	0.92	0.59	0.41
	2.25	POSITIVE ▼	3.41	2.04	1.70	1.36	1.01	0.82	0.44	0.25
	2.25	SUCTION ▲	3.22	1.93	1.61	1.29	1.01	0.82	0.52	0.36
	2.50	POSITIVE ▼	3.07	1.84	1.53	1.23	0.91	0.74	0.39	0.23
	2.50	SUCTION ▲	2.90	1.74	1.45	1.16	0.91	0.74	0.47	0.33

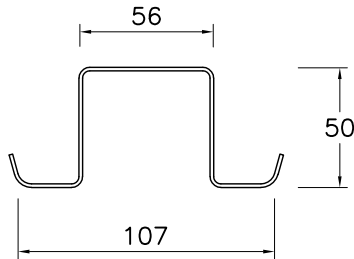
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SPAN TABLE • WALLS

TH50/56 TOP HAT TRACK

(Deflection limited 1/120) unfactored Load (kN/m²)



Available as

- P090 – un-punched
- P618 – flange punched

LAID VERTICALLY FOR
HORIZONTAL EXTERNAL
CLADDING

NOTE

**AS 1 NO. FIXING IN EACH
FLANGE PER RAIL**

Single span (m)	Spacing of horizontal cladding rails							
	1.20	1.50	1.80	2.00	2.20	2.50	3.00	3.50
0.60	4.03	3.22	2.69	2.42	2.20	1.91	1.11	0.70
0.80	3.02	2.42	2.01	1.81	1.65	1.43	0.83	0.52
1.00	2.42	1.93	1.61	1.45	1.32	1.15	0.66	0.42
1.20	2.01	1.61	1.34	1.21	1.10	0.95	0.55	0.35
1.40	1.73	1.38	1.15	1.04	0.94	0.82	0.47	0.30
1.60	1.51	1.21	1.01	0.91	0.82	0.72	0.41	0.26
1.80	1.34	1.07	0.90	0.81	0.73	0.64	0.37	0.23
2.00	1.21	0.97	0.81	0.73	0.66	0.57	0.33	0.21
2.20	1.10	0.88	0.73	0.66	0.60	0.52	0.30	0.19
2.40	1.01	0.81	0.67	0.60	0.55	0.48	0.28	0.17
2.60	0.93	0.74	0.62	0.56	0.51	0.44	0.26	0.16
2.80	0.86	0.69	0.58	0.52	0.47	0.41	0.24	0.15
3.00	0.81	0.64	0.54	0.48	0.44	0.38	0.22	0.14

(Deflection limited 1/120) unfactored Load (kN/m²)

NOTE : Maximum
permissible cantilever is
600mm for **wall**
applications (see SOV
details for roofing)

Double Span (m)	Spacing of horizontal cladding rails							
	1.20	1.50	1.80	2.00	2.20	2.50	3.00	3.50
0.60	4.03	3.22	2.69	2.42	2.20	1.93	1.61	1.29
0.80	3.02	2.42	2.01	1.81	1.65	1.45	1.21	0.97
1.00	2.42	1.93	1.61	1.45	1.32	1.16	0.97	0.78
1.20	2.01	1.61	1.34	1.21	1.10	0.97	0.81	0.65
1.40	1.73	1.38	1.15	1.04	0.94	0.83	0.69	0.55
1.60	1.51	1.21	1.01	0.91	0.82	0.73	0.60	0.48
1.80	1.34	1.07	0.90	0.81	0.73	0.64	0.54	0.43
2.00	1.21	0.97	0.81	0.73	0.66	0.58	0.48	0.39
2.20	1.10	0.88	0.73	0.66	0.60	0.53	0.44	0.35
2.40	1.01	0.81	0.67	0.60	0.55	0.48	0.40	0.32
2.60	0.93	0.74	0.62	0.56	0.51	0.45	0.37	0.30
2.80	0.86	0.69	0.58	0.52	0.47	0.41	0.35	0.28
3.00	0.81	0.64	0.54	0.48	0.44	0.39	0.32	0.26

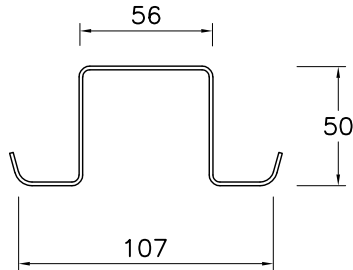
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SPAN TABLE • WALLS

TH50/56 TOP HAT TRACK

(Deflection limited 1/120) unfactored Load (kN/m²)



Available as

- P090 – un-punched
- P618 – flange punched

LAI D VERTICALLY FOR
HORIZONTAL EXTERNAL
CLADDING

NOTE

**2 NO. FIXINGS IN EACH
FLANGE PER RAIL**

NOTE : Maximum
permissible cantilever is
600mm for **wall**
applications (see SOV
details for roofing)

The maximum length of rollformed sections for production purposes is 7m.
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 enquiries.
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Spacing of vertical Tophats	Single span (m)	Spacing of horizontal cladding rails							
		1.20	1.50	1.80	2.00	2.20	2.50	3.00	3.50
	0.60	8.06	5.63	3.91	3.17	2.62	1.91	1.11	0.70
	0.80	6.04	4.22	2.93	2.38	1.96	1.43	0.83	0.52
	1.00	4.83	3.38	2.35	1.90	1.57	1.15	0.66	0.42
	1.20	4.03	2.82	1.96	1.58	1.31	0.95	0.55	0.35
	1.40	3.45	2.41	1.68	1.36	1.12	0.82	0.47	0.30
	1.60	3.02	2.11	1.47	1.19	0.98	0.72	0.41	0.26
	1.80	2.69	1.88	1.30	1.06	0.87	0.64	0.37	0.23
	2.00	2.42	1.69	1.17	0.95	0.79	0.57	0.33	0.21
	2.20	2.20	1.54	1.07	0.86	0.71	0.52	0.30	0.19
	2.40	2.01	1.41	0.98	0.79	0.65	0.48	0.28	0.17
	2.60	1.86	1.30	0.90	0.73	0.60	0.44	0.26	0.16
	2.80	1.73	1.21	0.84	0.68	0.56	0.41	0.24	0.15
	3.00	1.61	1.13	0.78	0.63	0.52	0.38	0.22	0.14

(Deflection limited 1/120) unfactored Load (kN/m²)

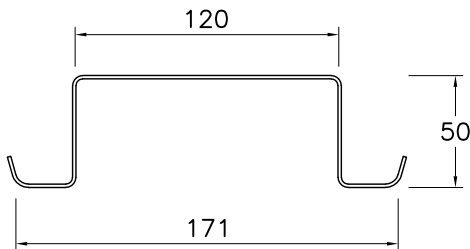
Spacing of vertical Tophats	Double Span (m)	Spacing of horizontal cladding rails							
		1.20	1.50	1.80	2.00	2.20	2.50	3.00	3.50
	0.60	8.06	6.44	4.89	3.96	3.27	2.53	1.76	1.29
	0.80	6.04	4.83	3.67	2.97	2.45	1.90	1.32	0.97
	1.00	4.83	3.87	2.93	2.38	1.96	1.52	1.06	0.78
	1.20	4.03	3.22	2.44	1.98	1.64	1.27	0.88	0.65
	1.40	3.45	2.76	2.09	1.70	1.40	1.09	0.75	0.55
	1.60	3.02	2.42	1.83	1.48	1.23	0.95	0.66	0.48
	1.80	2.69	2.15	1.63	1.32	1.09	0.84	0.59	0.43
	2.00	2.42	1.93	1.47	1.19	0.98	0.76	0.53	0.39
	2.20	2.20	1.76	1.33	1.08	0.89	0.69	0.48	0.35
	2.40	2.01	1.61	1.22	0.99	0.82	0.63	0.44	0.32
	2.60	1.86	1.49	1.13	0.91	0.76	0.58	0.41	0.30
	2.80	1.73	1.38	1.05	0.85	0.70	0.54	0.38	0.28
	3.00	1.61	1.29	0.98	0.79	0.65	0.51	0.35	0.26

STEEL PROFILE	
2013	Sheet 84.s.4 p7
Cl/SfB 27 Nh ₂	

SPAN TABLE • WALLS

TH50/120 TOP HAT TRACK

(Deflection limited 1/120) unfactored Load (kN/m²)



Available as

- P089 – un-punched
- P621 – flange punched

LAI D VERTICALLY FOR
HORIZONTAL EXTERNAL
CLADDING

NOTE

**1 NO. FIXING IN EACH
FLANGE PER RAIL**

NOTE : Maximum
permissible cantilever is
600mm for **wall**
applications (see SOV
details for roofing)

The maximum length of rollformed sections for production purposes is 7m.
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 enquiries.
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

Spacing of vertical Tophats	Single span (m)	Spacing of horizontal cladding rails							
		1.20	1.50	1.80	2.00	2.20	2.50	3.00	3.50
	0.60	4.03	3.22	2.69	2.42	2.20	1.93	1.51	0.95
	0.80	3.02	2.42	2.01	1.81	1.65	1.45	1.13	0.71
	1.00	2.42	1.93	1.61	1.45	1.32	1.16	0.91	0.57
	1.20	2.01	1.61	1.34	1.21	1.10	0.97	0.75	0.48
	1.40	1.73	1.38	1.15	1.04	0.94	0.83	0.65	0.41
	1.60	1.51	1.21	1.01	0.91	0.82	0.73	0.57	0.36
	1.80	1.34	1.07	0.90	0.81	0.73	0.64	0.50	0.32
	2.00	1.21	0.97	0.81	0.73	0.66	0.58	0.45	0.29
	2.20	1.10	0.88	0.73	0.66	0.60	0.53	0.41	0.26
	2.40	1.01	0.81	0.67	0.60	0.55	0.48	0.38	0.24
	2.60	0.93	0.74	0.62	0.56	0.51	0.45	0.35	0.22
	2.80	0.86	0.69	0.58	0.52	0.47	0.41	0.32	0.20
	3.00	0.81	0.64	0.54	0.48	0.44	0.39	0.30	0.19

(Deflection limited 1/120) unfactored Load (kN/m²)

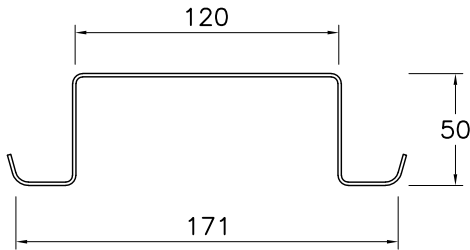
Spacing of vertical Tophats	Double Span (m)	Spacing of horizontal cladding rails							
		1.20	1.50	1.80	2.00	2.20	2.50	3.00	3.50
	0.60	4.03	3.22	2.69	2.42	2.20	1.93	1.61	1.38
	0.80	3.02	2.42	2.01	1.81	1.65	1.45	1.21	1.04
	1.00	2.42	1.93	1.61	1.45	1.32	1.16	0.97	0.83
	1.20	2.01	1.61	1.34	1.21	1.10	0.97	0.81	0.69
	1.40	1.73	1.38	1.15	1.04	0.94	0.83	0.69	0.59
	1.60	1.51	1.21	1.01	0.91	0.82	0.73	0.60	0.52
	1.80	1.34	1.07	0.90	0.81	0.73	0.64	0.54	0.46
	2.00	1.21	0.97	0.81	0.73	0.66	0.58	0.48	0.41
	2.20	1.10	0.88	0.73	0.66	0.60	0.53	0.44	0.38
	2.40	1.01	0.81	0.67	0.60	0.55	0.48	0.40	0.35
	2.60	0.93	0.74	0.62	0.56	0.51	0.45	0.37	0.32
	2.80	0.86	0.69	0.58	0.52	0.47	0.41	0.35	0.30
	3.00	0.81	0.64	0.54	0.48	0.44	0.39	0.32	0.28

STEEL PROFILE	
2013	Sheet 84.s.4 p8
Cl/SfB 27 Nh ₂	

SPAN TABLE • WALLS

TH50/120 TOP HAT TRACK

(Deflection limited 1/120) unfactored Load (kN/m²)



Available as

- P089 – un-punched
- P621 – flange punched

LAI D VERTICALLY FOR
HORIZONTAL EXTERNAL
CLADDING

NOTE

2 NO. FIXINGS IN EACH
FLANGE PER RAIL

NOTE : Maximum
permissible cantilever is
600mm for **wall**
applications (see SOV
details for roofing)

The maximum length of rollformed sections for production purposes is 7m.
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 enquiries.
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

Spacing of vertical Tophats	Single span (m)	Spacing of horizontal cladding rails							
		1.20	1.50	1.80	2.00	2.20	2.50	3.00	3.50
	0.60	8.06	6.08	4.22	3.42	2.83	2.19	1.51	0.95
	0.80	6.04	4.56	3.17	2.57	2.12	1.64	1.13	0.71
	1.00	4.83	3.65	2.53	2.05	1.70	1.31	0.91	0.57
	1.20	4.03	3.04	2.11	1.71	1.41	1.10	0.75	0.48
	1.40	3.45	2.61	1.81	1.47	1.21	0.94	0.65	0.41
	1.60	3.02	2.28	1.58	1.28	1.06	0.82	0.57	0.36
	1.80	2.69	2.03	1.41	1.14	0.94	0.73	0.50	0.32
	2.00	2.42	1.83	1.27	1.03	0.85	0.66	0.45	0.29
	2.20	2.20	1.66	1.15	0.93	0.77	0.60	0.41	0.26
	2.40	2.01	1.52	1.06	0.86	0.71	0.55	0.38	0.24
	2.60	1.86	1.40	0.97	0.79	0.65	0.51	0.35	0.22
	2.80	1.73	1.30	0.91	0.73	0.61	0.47	0.32	0.20
	3.00	1.61	1.22	0.84	0.68	0.57	0.44	0.30	0.19

(Deflection limited 1/120) unfactored Load (kN/m²)

Spacing of vertical Tophats	Double Span (m)	Spacing of horizontal cladding rails							
		1.20	1.50	1.80	2.00	2.20	2.50	3.00	3.50
	0.60	8.06	6.44	5.28	4.28	3.54	2.74	1.90	1.40
	0.80	6.04	4.83	3.96	3.21	2.65	2.05	1.43	1.05
	1.00	4.83	3.87	3.17	2.57	2.12	1.64	1.14	0.84
	1.20	4.03	3.22	2.64	2.14	1.77	1.37	0.95	0.70
	1.40	3.45	2.76	2.26	1.83	1.52	1.17	0.81	0.60
	1.60	3.02	2.42	1.98	1.60	1.33	1.03	0.71	0.52
	1.80	2.69	2.15	1.76	1.43	1.18	0.91	0.63	0.47
	2.00	2.42	1.93	1.58	1.28	1.06	0.82	0.57	0.42
	2.20	2.20	1.76	1.44	1.17	0.96	0.75	0.52	0.38
	2.40	2.01	1.61	1.32	1.07	0.88	0.68	0.48	0.35
	2.60	1.86	1.49	1.22	0.99	0.82	0.63	0.44	0.32
	2.80	1.73	1.38	1.13	0.92	0.76	0.59	0.41	0.30
	3.00	1.61	1.29	1.06	0.86	0.71	0.55	0.38	0.28

STEEL PROFILE	
2002	Sheet 84.s.4
Cl/SfB 27 Nh2	p9

DATUM APPLICATION DETAILS

**TYPICAL
APPLICATION**

**SEE
DRAWING**

*AP Z 50 with RWB Bracket
Standing Seam Roof System*

[03] Z-1-01 [12]

*AP Z 50 with RWB Bracket
Standard Trapezoidal Roof System*

[03] M-1-01 [14]

*AP Z 50 with Helping Hand Handi
Bracket - Horizontal Wall System*

[03] H-2-02 [8]

*AP Z 50 with RWB Bracket
Vertical Wall System*

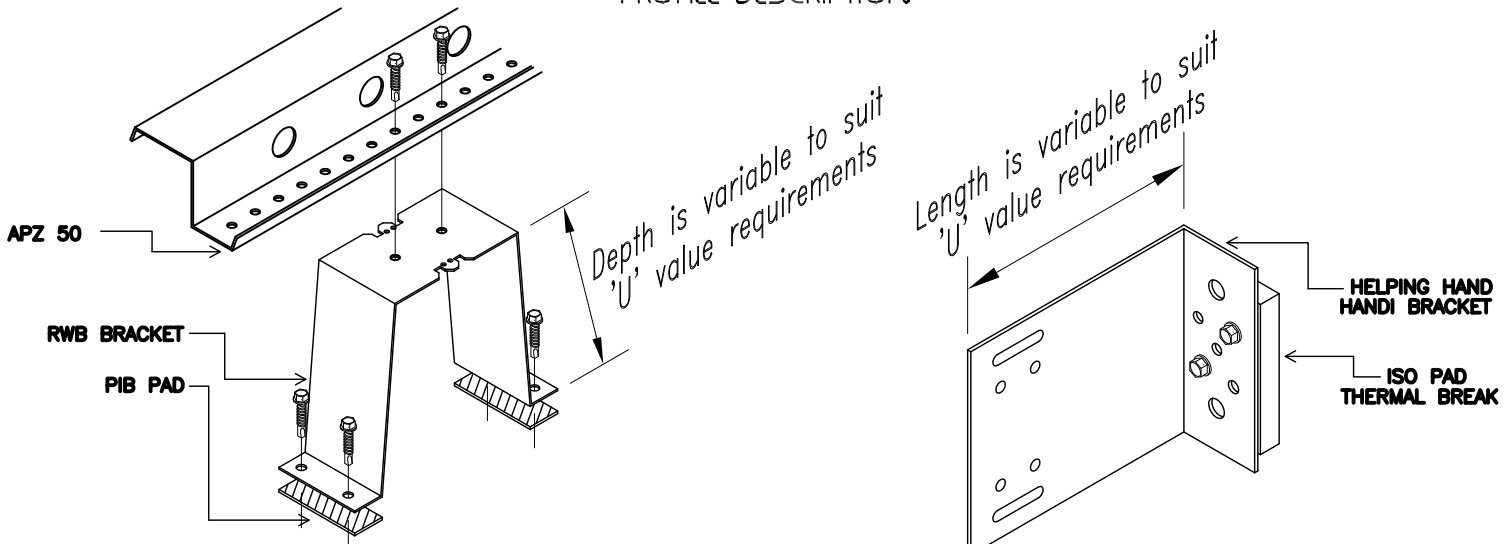
[03] H-2-04 [7]

*AP Z 50 with Helping Hand Handi
Bracket - Rainscreen Wall Panels*

[05] P-1-06 [5]

**APZ 50
TRITHERM SPACER SYSTEM (P)**

PROFILE DESCRIPTION



The normal length of rollformed sections for transport purposes is 7m.
Please note that all dimensions and thicknesses are nominal as coated and/or as finished, and are subject to coil and manufacturing tolerances.
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