***CUSTOM METAL* CONTRACTING LTD**
49, 5342 – 72nd Avenue SE
Calgary, Alberta T2C 4X5
Phone: 403-291-9767 Fax: 403-291-9416

CMPS – Series 60 Panel System

Crate to Wall

Rain Screen Series

Tested AAMA 508-07

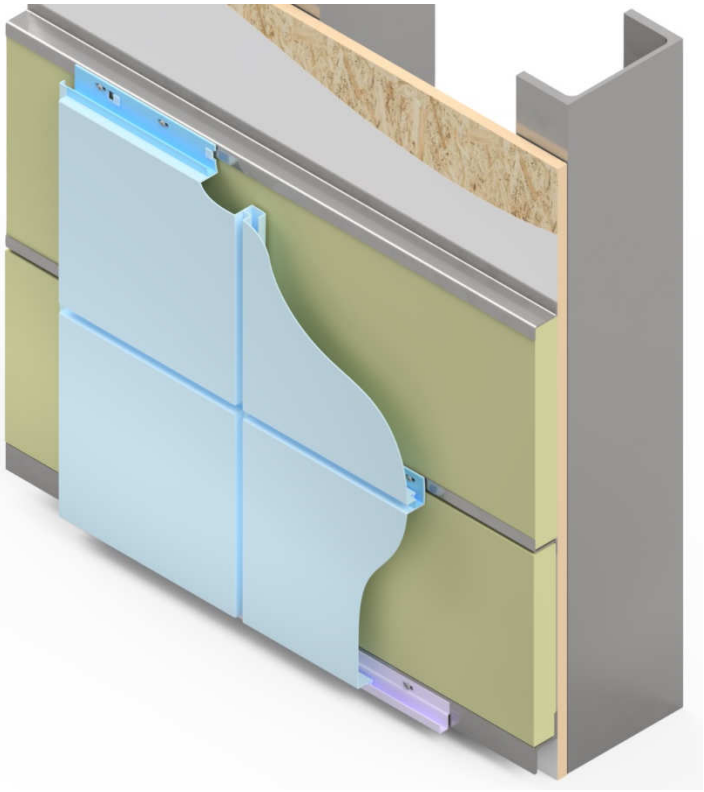
Benefits

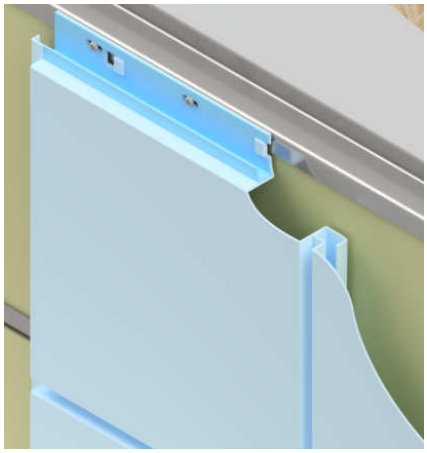
- Ease of install, cut install timeline 20-50% when compared to a splined system.
- Standard size offerings to minimize cost. Contact CMC on standard sizes.
- Optional - Panels can be ordered to fit your Custom Build requirements.
- Optional – Stiffeners can be added to meet your Engineering requirements.
- Sizes limited by flat stock availability. Contact CMC on standard sizes.

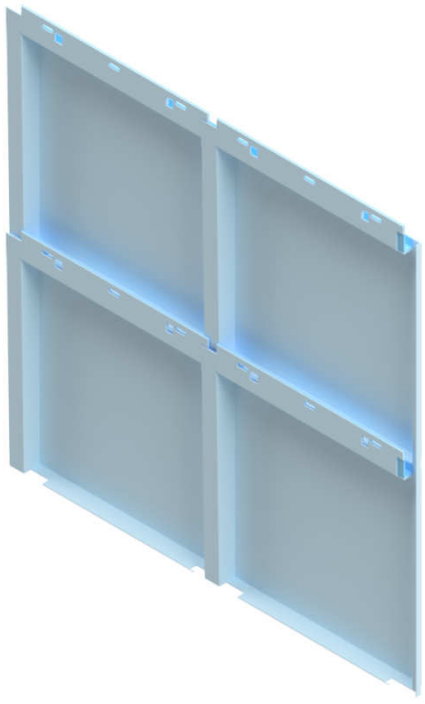
Flexibility

Options for Skins

- .080” prepainted
- .080” postpaint







BACK OF PANELS

- Manufactured with a State-of-the-Art Salvagnini processing center.
- Fast Install Panel system to meet your on-site scheduling demands.
- Crate to wall install with integrated vertical and horizontal reveals and drainage trays.
- Solid Aluminum Skins in various thicknesses meets the requirement for non-combustible wall assemblies.

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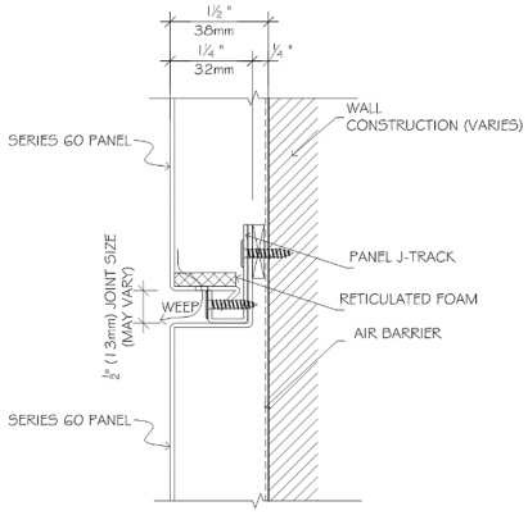
Panel Data

TECHNICAL INFORMATION

Air Infiltration:	**ASTM E283-91**
Structural Performance:	**ASTM E330-93**
Water Penetration:	**ASTM E331-93**
Dynamic Water Penetration Test:	**AAMA 501.1-83**
Pressure Equalized Rain Screen System:	**AMMA 508** **ASTM E1233**
Racking Test:	**AAMA 501.4** **ASTM E72**

Panel Testing Available: Contact CMC for Technical Information Sheets on testing.



HORIZONTAL JOINT DETAIL

PRODUCT DATA

Panel Type: Rain Screen

Material Options: Plate aluminum

Finish: Coil coated Kynar 500

Optional Finish: Post painted Kynar

Clip: Integrated

Substrate: Minimum 18gauge subgirts or ½" plywood.

Standard Panel Surface: Painted

PANEL SIZE

Nominal (see configuration page)
Max Panel Height: 53"
Min. Panel Height: 6"
Recommended Max Panel Length: 96"
Min. Panel Length: 12"
Contact CMC for Technical Information on standard offerings and configuration

TECHNICAL SUPPORT

Corporate Head Office:
Custom Metal Contracting Ltd.
49, 5342 – 72 Avenue S.E.
Calgary, Alberta, Canada
T2C 4X5
Phone: 403-291-9767
Fax: 403-291-9416
info@custommetal.ab.ca

REGIONAL REPRESENTATIVES

Southern California

MH Powell & Co. Inc.
Steve Heller
Phone: 323-887-0037
Fax: 323-887-0877
sales@mhpowell.net

Washington, Idaho, Oregon and Alaska Area

Window Tech, Inc.
Russell Harrison
Office: 425-778-2050
Cell: 503-577-9314
russell@windowtechinc.com

Hawaii

Hawaii Architectural Sales
Gene Rooney
Office: 808.778.0671
Fax: 603.415.2342
gene@hiarchsales.com

Testing

Intertek

For more information on any of our products or services please visit us on the Web at:

www.custommetal.ab.ca

www.cmcpanels.com

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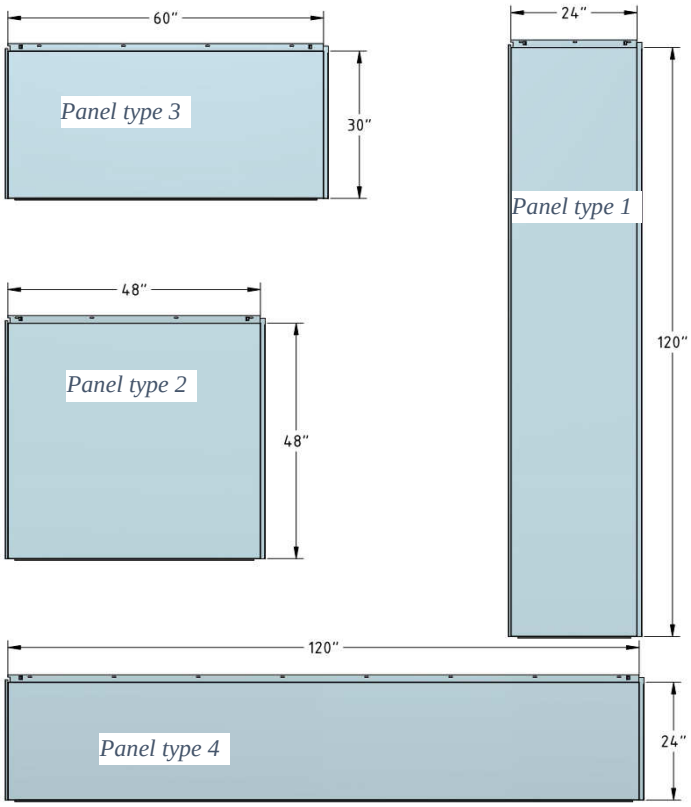
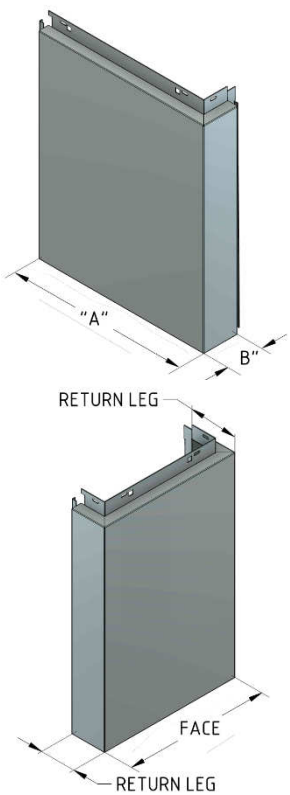
Series 60 Panel System

Panel Size Parameters





Rain Screen Series

Tested AAMA 508-07

Benefits

- Ease of install, cut install timeline 20-50% when compared to a splined system.
- Not limited by standard size offerings', all panels are made to fit your requirements not ours, limited only by flat stock availability.

Flexibility

Options for Skins

- .080" prepainted
- .080 postpaint

- Recommended maximum sizes (see above). Please refer to load table for suitability to building design loads.
- If the panels fit inside these configurations no modification to pricing is required.
- For panels that are beyond these configurations we will allow for stiffening of the panels and possible interstitial clips when we tender the project for you, there will be no hidden costs. These costs will be identified as an additional value but is required for your project and must be added.
- For larger sizes, please contact our representative.
- Panel joints 5/8" nominal standard

  Min panel joint – 5/8"

  Max panel joint - 1"
- For Outside Corner Panels one dimension (either "A" or "B") must not exceed a maximum dimension of 5 ½", minimum dimension is 2 ½" (A or B)
- For Columns the return leg dimensions cannot exceed a maximum of 5 ½", minimum dimension of returns is 2 ½.

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Series 60 Panel System

Panel Size Properties

	Panel type 1	*Panel type 2*	*Panel type 3*	*Panel type 4*
Product	**100" x 121-1/4" Assembly - Vertical Joints**	**97-3/4" x 97-3/4" Assembly – Vertical and Horizontal Joints**	**121-3/4" x 61-3/4" Assembly – Vertical and Horizontal Joints**	**121-1/4" x 98-3/4" Assembly – Horizontal Joints**
ASTM E330 – Static Structural, Ultimate Load	Pass @ 7.5 psf	Pass @ 32.5 psf	Pass @ 85 psf	Pass @ 70 psf

Date:	08-Sep-22	**Maximum Resisdual Reference**	Class R	L*0.4%	Class CW	L*0.3%
Panel Type 1			Class LC		Class AW	L*0.2%

CH 1-3	Location:	1,2,3 Vertical line on left side of the 3rd panel from the left	**CH 7-9**	Location:	7-cen of 2nd panel from left, 8-btm right corner of 2nd panel from left, 9-midspan on right side of 3rd panel from left
	Span (L):			Span (L):	

CH 4-6	Location:	4 - cen of 3rd panel from the left, 5- midpsan on btm edge of 3rd panel from left, 6-bottom right corner of same panel	**CH 10-12**	Location:	10-Cen of right panel
	Span (L):			Span (L):	

Performance Grade		**CH 1**	**CH 2**	**CH 3**	**CH 4**	**CH 5**	**CH 6**	**CH 7**	**CH 8**	**CH 9**	**CH 10**	**CH 11**	**CH 12**
5 psf preload	Zero	0	0	0	0	0	0	0	0	0	0		
	Load	0.25	45.85	0.6	30.98	0.6	1.38	34.68	0.52	24.18	37.51		
	Residual	0.1	0.4	0	0.25	0	0	0.2	0	0.2	0.5		
7.5 psf	Zero	0.1	0.4	0	0.25	0	0	0.2	0	0.2	0.5		
	Load	0.59	71.34	1.46	50.59	1.3	2.49	54.44	1.28	44.09	50.57		
	Residual	0.2	4.05	0.1	2.7	0.1	0.35	0.9	0.1	2	0.05		
10 psf	Zero												
	Load	Right panel disengaged from bottom.											
	Residual												

Date:	08-Sep-22
Panel Type 2	

Maximum Resisdual Reference			
Class R	L*0.4%	Class CW	L*0.3%
Class LC		Class AW	L*0.2%

CH 1-3	Location:	1,2,3 Horizontal on btm of top right panel
	Span (L):	

CH 7-9	Location:	7 - top right of btm left panel, 8-midpsan left side top right panel, 9-top left corner top right panel
	Span (L):	

CH 4-6	Location:	4-cen bottom left panel, 5-btm left panel at the btm right corner, 6-btm left panel at the right side, mid-span
	Span (L):	

CH 10-12	Location:	10 - cen of top rigiht panel
	Span (L):	

Performance Grade		CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9	CH 10	CH 11	CH 12
5 psf preload	Zero	0	0	0	0	0	0	0	0	0	0		
	Load	0.92	0.53	0.36	5.48	0.44	1.18	0.91	2.26	0.36	5.44		
	Residual	0.1	0.05	0.05	0.2	0.1	0.2	0.05	0.3	0.2	0.2		
7.5 psf	Zero	0.1	0.05	0.05	0.2	0.1	0.2	0.05	0.3	0.2	0.2		
	Load	1.29	0.59	0.41	6.68	0.53	1.45	1.29	2.99	0.4	6.49		
	Residual	0.15	0.1	0.05	0.25	0.2	0.15	0.1	0.4	0.2	0.25		
10 psf	Zero	0.15	0.1	0.05	0.25	0.2	0.15	0.1	0.4	0.2	0.25		
	Load	1.86	0.89	0.63	8.22	0.71	1.99	1.92	4.19	0.58	7.99		
	Residual	0.2	0.15	0.05	0.3	0.2	0.15	0.1	0.3	0.15	0.2		
12.5 psf	Zero	0.2	0.15	0.05	0.3	0.2	0.15	0.1	0.3	0.15	0.2	0	0
	Load	2.61	1.21	0.92	10.16	0.94	2.74	2.6	6	0.76	9.89		
	Residual	0.2	0.15	0.1	0.6	0.2	0.2	0.25	0.3	0.2	0.3		
15 psf	Zero	0.2	0.15	0.1	0.6	0.2	0.2	0.25	0.3	0.2	0.3	0	0
	Load	3.29	1.44	1.2	11.71	1.19	3.59	3.31	7.7	0.84	11.37		
	Residual	0.25	0.2	0.1	0.7	0.2	0.2	0.3	0.4	0.3	0.5		
17.5 psf	Zero	0.25	0.2	0.1	0.7	0.2	0.2	0.3	0.4	0.3	0.5	0	0
	Load	3.85	1.7	1.22	12.48	1.45	3.98	3.95	8.85	0.95	12.24		
	Residual	0.35	0.25	0.1	0.9	0.2	0.3	0.35	0.55	0.3	0.5		
20 psf	Zero	0.35	0.25	0.1	0.9	0.2	0.3	0.35	0.55	0.3	0.5	0	0
	Load	4.31	1.84	1.53	13.81	2.01	5.1	4.35	10.71	1.14	13.45		
	Residual	0.35	0.2	0.1	0.9	0.2	0.2	0.4	0.5	0.35	0.5		
22.5 psf	Zero	0.35	0.2	0.1	0.9	0.2	0.2	0.4	0.5	0.35	0.5	0	0
	Load	5.15	2.16	1.96	15.4	2.5	6.32	5.18	13.85	1.38	15.02		
	Residual	0.35	0.2	0.1	1.05	0.2	0.3	0.4	0.6	0.45	0.5		
25 psf	Zero	0.35	0.2	0.1	1.05	0.2	0.3	0.4	0.6	0.45	0.5	0	0
	Load	5.99	2.58	2.16	16.82	3.08	7.36	5.93	17.08	1.57	16.6		
	Residual	0.4	0.25	0.15	1.15	0.2	0.25	0.4	0.8	0.4	0.7		
27.5psf	Zero	0.4	0.25	0.15	1.15	0.2	0.25	0.4	0.8	0.4	0.7	0	0
	Load	7.01	3.08	2.67	20.18	3.76	9.03	6.67	23.67	1.95	19.22		
	Residual	0.6	0.4	0.15	1.6	0.25	0.4	0.45	1.75	0.4	1.1		
30 psf	Zero	0.6	0.4	0.15	1.6	0.25	0.4	0.45	1.75	0.4	1.1	0	0
	Load	8.08	3.88	3.14	25.37	4.67	11.02	7.65	32.64	2.53	23.45		
	Residual	0.7	0.4	0.2	2.45	0.2	0.25	0.4	4.2	0.5	1.7		
32.5 psf	Zero	0.7	0.4	0.2	2.45	0.2	0.25	0.4	4.2	0.5	1.7	0	0
	Load	8.9	4.58	3.59	29.63	5.29	12.24	8.54	38.02	2.92	27.32		
	Residual	1.2	0.5	0.3	4.1	0.3	0.35	0.8	6.8	0.8	3.1		
35 psf	Zero	1.2	0.5	0.3	4.1	0.3	0.35	0.8	6.8	0.8	3.1	0	0
	Load	Fail - bottom right panel popped out.											
	Residual												

Date:	08-Sep-22	Maximum Resisdual Reference	Class R / Class LC	L*0.4%	Class CW / Class AW	L*0.3% / L*0.2%
Panel Type 3						

CH 1-3	Location:	1,2,3 Horizontal on btm of top right panel	CH 7-9	Location:	7 - top right of btm left panel, 8-midpsan left side top right panel, 9-top left corner top right panel
	Span (L):			Span (L):	
CH 4-6	Location:	4-cen bottom left panel, 5-btm left panel at the btm right corner, 6-btm left panel at the right side, mid-span	CH 10-12	Location:	10 - cen of top rigiht panel
	Span (L):			Span (L):	

Performance Grade		CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9	CH 10	CH 11	CH 12
5 psf preload	Zero	0	0	0	0	0	0	0	0	0	0		
	Load	0.23	0.61	0.18	3.73	0.53	0.85	0.55	0.3	0.22	3.42		
	Residual	0	0.1	0.1	0.15	0	0.1	0.1	0.1	0.1	0.15		
7.5 psf	Zero	0	0.1	0.1	0.15	0	0.1	0.1	0.1	0.1	0.15		
	Load	0.7	1.22	0.24	7.4	1.34	1.7	1.18	0.7	0.4	6.85		
	Residual	0.15	0.3	0.1	0.5	0.1	0.1	0.2	0.1	0.2	0.3		
10 psf	Zero	0.15	0.3	0.1	0.5	0.1	0.1	0.2	0.1	0.2	0.3		
	Load	0.74	1.32	0.26	7.85	1.52	1.92	1.3	0.88	0.46	7.45		
	Residual	0	0.1	0.05	1.3	0.1	0	0.15	0.1	0.1	0.6		
12.5 psf	Zero	0	0.1	0.05	1.3	0.1	0	0.15	0.1	0.1	0.6		
	Load	0.92	1.38	0.28	8.95	1.88	2.31	1.48	0.98	0.45	8.68		
	Residual	0.1	0.4	0.1	1.5	0.1	0.15	0.15	0.2	0.4	0.8		
15 psf	Zero	0.1	0.4	0.1	1.5	0.1	0.15	0.15	0.2	0.4	0.8		
	Load	1.08	1.45	0.38	9.98	2.25	2.72	1.75	1.08	0.56	9.48		
	Residual	0.15	0.3	0.1	1.4	0.05	0.1	0.15	0.1	0.3	0.7		
17.5 psf	Zero	0.15	0.3	0.1	1.4	0.05	0.1	0.15	0.1	0.3	0.7		
	Load	1.28	1.7	0.51	11.28	2.67	3.22	2.1	1.3	0.78	10.52		
	Residual	0.15	0.3	0.1	1.5	0.1	0.1	0.2	0.2	0.3	0.9		
20 psf	Zero	0.15	0.3	0.1	1.5	0.1	0.1	0.2	0.2	0.3	0.9		
	Load	1.45	1.85	0.55	12.18	3.05	3.72	2.48	1.55	0.65	11.84		
	Residual	0.15	0.3	0.1	1.6	0.1	0.1	0.2	0.2	0.3	0.9		
22.5 psf	Zero	0.15	0.3	0.1	1.6	0.1	0.1	0.2	0.2	0.3	0.9		
	Load	1.82	2.18	0.8	13.65	3.66	4.28	2.9	1.85	0.9	12.62		
	Residual	0.15	0.3	0.1	1.5	0.1	0.1	0.15	0.15	0.4	0.9		
25 psf	Zero	0.15	0.3	0.1	1.5	0.1	0.1	0.15	0.15	0.4	0.9		
	Load	2.11	2.38	0.9	14.65	4.22	4.83	3.35	2.1	1.1	13.2		
	Residual	0.2	0.35	0.1	1.5	0.1	0.1	0.2	0.2	0.35	0.9		
30 psf	Zero	0.2	0.35	0.1	1.5	0.1	0.1	0.2	0.2	0.35	0.9		
	Load	2.69	2.77	1.26	16.68	5.06	5.78	4.04	2.59	1.42	15.05		
	Residual	0.2	0.3	0.1	1.6	0.1	0.1	0.25	0.2	0.4	1.1		
35 psf	Zero	0.2	0.3	0.1	1.6	0.1	0.1	0.25	0.2	0.4	1.1		
	Load	3.16	2.96	1.46	18.4	5.71	6.6	4.64	2.91	1.45	16.52		
	Residual	0.15	0.35	0.1	1.7	0.15	0.2	0.3	0.2	0.4	1.2		
40 psf	Zero	0.15	0.35	0.1	1.7	0.15	0.2	0.3	0.2	0.4	1.2		
	Load	3.8	3.32	1.9	19.89	6.51	7.5	5.48	3.49	1.69	17.94		
	Residual	0.2	0.35	0.1	1.8	0.2	0.25	0.3	0.25	0.4	1.3		
45 psf	Zero	0.2	0.35	0.1	1.8	0.2	0.25	0.3	0.25	0.4	1.3		
	Load	4.46	3.78	2.21	21.42	7.3	8.41	6.25	4.18	1.97	19.3		
	Residual	0.3	0.4	0.2	1.9	0.35	0.3	0.45	0.35	0.5	1.5		
50 psf	Zero	0.3	0.4	0.2	1.9	0.35	0.3	0.45	0.35	0.5	1.5		
	Load	5.39	4.14	2.74	23.14	8.2	9.3	7.06	4.97	2.44	20.75		
	Residual	0.4	0.35	0.2	2	0.4	0.4	0.45	0.45	0.55	1.7		
55 psf	Zero	0.4	0.35	0.2	2	0.4	0.4	0.45	0.45	0.55	1.7		
	Load	8.73	4.84	3.12	24.9	9.25	11.45	9.99	6.93	2.82	22.83		
	Residual	1.6	0.6	0.2	2.3	0.7	0.8	1.2	1.1	0.6	2.4		
60 psf	Zero	1.6	0.6	0.2	2.3	0.7	0.8	1.2	1.1	0.6	2.4		
	Load	10.36	5.29	3.4	26.67	10.19	12.82	11.35	8.01	2.98	24.22		
	Residual	1.7	0.8	0.4	2.55	0.8	1.1	1.2	1.25	0.7	2.6		
65 psf	Zero	1.7	0.8	0.4	2.55	0.8	1.1	1.2	1.25	0.7	2.6		
	Load	11.91	5.78	3.72	28.44	11.14	14.17	12.94	9.23	3.23	25.6		
	Residual	1.8	0.8	0.4	2.7	1	1.3	1.4	1.2	0.8	2.7		
70 psf	Zero	1.8	0.8	0.4	2.7	1	1.3	1.4	1.2	0.8	2.7		
	Load	13.72	6.41	4.33	30.58	12.4	15.93	14.82	10.62	3.83	27.3		
	Residual	1.85	0.9	0.5	3.1	1.2	1.6	1.9	1.3	0.9	3		
75 psf	Zero	1.85	0.9	0.5	3.1	1.2	1.6	1.9	1.3	0.9	3		
	Load	15.38	6.94	4.99	32.42	13.67	17.58	16.56	12.01	4.19	28.83		
	Residual	1.9	1.1	0.8	3.5	1.3	1.9	2.4	1.4	0.9	3.2		
80 psf	Zero	1.9	1.1	0.8	3.5	1.3	1.9	2.4	1.4	0.9	3.2		
	Load	17.43	7.63	6.31	34.49	14.74	19.37	18.75	13.47	4.64	30.73		
	Residual	2.3	1.3	1.4	4.2	2	2.7	3.1	1.7	1.2	3.7		
85 psf	Zero	2.3	1.3	1.4	4.2	2	2.7	3.1	1.7	1.2	3.7		
	Load	21.64	9.25	8.69	37.94	16.28	22.54	22.86	16.78	5.49	34.13		
	Residual	4.6	2.2	2.1	5.3	2.5	3.95	5.1	3.1	1.5	5.9		
90 psf	Zero												
	Load		bottom panels began to pop out and centrepoint Joint buckled, install screws for bottom panels probably ripped out										
	Residual												

Date:	08-Sep-22	Maximum Resisdual Reference	Class R / Class LC	L*0.4%	Class CW / Class AW	L*0.3% / L*0.2%
Panel Type 4						

CH 1-3	Location:	1,2,3 Horizontal on top of 2nd from bottom panel
	Span (L):	
CH 7-9	Location:	7-cen of 3rd panel from btm, 8-btm left corner of 3rd panel form btm, 9-midspan on bottom of 2nd panel from btm
	Span (L):	
CH 4-6	Location:	4 - cen of 2nd panel from btm, 5- midpsan on left side of same panel, 6-bottom left corner of same panel
	Span (L):	
CH 10-12	Location:	
	Span (L):	

Performance Grade		CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8	CH 9	CH 10	CH 11	CH 12
5 psf preload	Zero	0	0	0	0	0	0	0	0	0			
	Load	0.1	0.58	0.1	4.2	0.21	0.1	2.93	0.18	0.84			
	Residual	0	0	0	0	0	0	0	0	0			
7.5 psf	Zero	0	0	0	0	0	0	0	0	0			
	Load	0.1	1	0.2	6.81	0.26	0.16	5.74	0.18	1.3			
	Residual	0.15	0.05	0.1	0.05	0.1	0.05	0.2	0.05	0.05			
10 psf	Zero	0.15	0.05	0.1	0.05	0.1	0.05	0.2	0.05	0.05			
	Load	0.22	1.68	0.29	10.33	0.35	0.16	9.31	0.21	2.11			
	Residual	0	0.1	0.15	0.25	0.05	0.05	0.35	0.05	0.05			
12.5 psf	Zero	0	0.1	0.15	0.25	0.05	0.05	0.35	0.05	0.05			
	Load	0.23	1.86	0.38	11.2	0.41	0.16	10.12	0.24	2.27			
	Residual	0	0.1	0.15	0.35	0.05	0	0.4	0.05	0.05			
15 psf	Zero	0	0.1	0.15	0.35	0.05	0	0.4	0.05	0.05			
	Load	0.36	2.33	0.46	13.36	0.57	0.19	12.25	0.28	2.76			
	Residual	0	0.15	0.2	0.5	0.01	0.05	0.5	0.05	0.05			
17.5 psf	Zero	0	0.15	0.2	0.5	0.01	0.05	0.5	0.05	0.05			
	Load	0.54	3.04	0.72	16.11	0.82	0.33	15.18	0.4	3.56			
	Residual	0	0.15	0.2	0.6	0.1	0	0.6	0	0.2			
20 psf	Zero	0	0.15	0.2	0.6	0.1	0	0.6	0	0.2			
	Load	0.54	3.2	0.83	17.08	0.82	0.36	16.11	0.41	3.73			
	Residual	0	0.2	0.2	0.65	0.1	0.05	0.6	0.05	0.2			
22.5 psf	Zero	0	0.2	0.2	0.65	0.1	0.05	0.6	0.05	0.2			
	Load	0.64	3.75	1.06	19.09	1.02	0.44	18.09	0.53	4.26			
	Residual	0.05	0.2	0.2	0.8	0	0	0.6	0.05	0.2			
25 psf	Zero	0.05	0.2	0.2	0.8	0	0	0.6	0.05	0.2			
	Load	0.8	4.38	1.45	21.18	1.18	0.6	19.98	0.66	4.95			
	Residual	0.2	0.5	0.3	1.3	0.1	0.05	0.8	0.1	0.3			
30 psf	Zero	0.2	0.5	0.3	1.3	0.1	0.05	0.8	0.1	0.3			
	Load	1.05	5.18	1.79	23.96	1.57	0.82	23.05	0.93	5.73			
	Residual	0.1	0.4	0.25	1.2	0.1	0.05	0.75	0.1	0.25			
35 psf	Zero	0.1	0.4	0.25	1.2	0.1	0.05	0.75	0.1	0.25			
	Load	1.38	6.27	2.4	26.99	1.93	1.17	26	1.26	6.79			
	Residual	0.1	0.4	0.25	1.4	0.1	0.05	0.7	0.05	0.4			
40 psf	Zero	0.1	0.4	0.25	1.4	0.1	0.05	0.7	0.05	0.4			
	Load	1.79	7.82	3.26	30.62	2.48	1.68	29.42	1.72	8.27			
	Residual	0.2	0.6	0.3	2.05	0.2	0.1	0.8	0.1	0.5			
45 psf	Zero	0.2	0.6	0.3	2.05	0.2	0.1	0.8	0.1	0.5			
	Load	2.09	8.33	3.63	32.74	2.81	1.95	31.8	2.02	8.78			
	Residual	0.2	0.8	0.35	2.2	0.2	0.15	0.8	0.15	0.6			
50 psf	Zero	0.2	0.8	0.35	2.2	0.2	0.15	0.8	0.15	0.6			
	Load	2.58	9.36	4.43	35.28	3.31	2.46	34.3	2.52	9.73			
	Residual	0.2	0.8	0.35	2.4	0.2	0.2	0.8	0.15	0.7			
55 psf	Zero	0.2	0.8	0.35	2.4	0.2	0.2	0.8	0.15	0.7			
	Load	2.96	10.39	5.1	37.73	3.79	2.91	36.76	2.99	10.77			
	Residual	0.2	1.05	0.4	2.8	0.3	0.35	1	0.3	0.8			
60 psf	Zero	0.2	1.05	0.4	2.8	0.3	0.35	1	0.3	0.8			
	Load	3.52	11.54	6.11	40.57	4.41	3.52	39.4	3.7	11.92			
	Residual	0.2	1.15	0.5	3	0.4	0.4	1.1	0.4	1			
65 psf	Zero	0.2	1.15	0.5	3	0.4	0.4	1.1	0.4	1			
	Load	4.04	12.73	7.51	43.04	5.02	4.12	41.9	4.3	13.11			
	Residual	0.25	1.4	0.8	3.6	0.5	0.6	1.3	0.5	1.2			
70 psf	Zero	0.25	1.4	0.8	3.6	0.5	0.6	1.3	0.5	1.2			
	Load	4.75	13.88	8.88	46.1	5.87	5.01	44..7	5.19	14.79			
	Residual	0.3	1.6	1	4.2	0.6	0.7	1.5	0.6	1.3			
75 psf	Zero			0	0	0	0	0	0	0			
	Load	Fail - bottom panel disengaged from track											
	Residual												