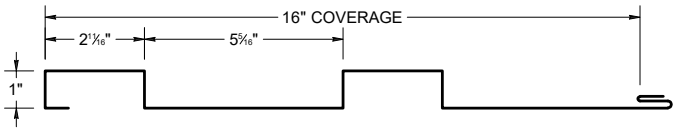
TAYLOR METAL PRODUCTS

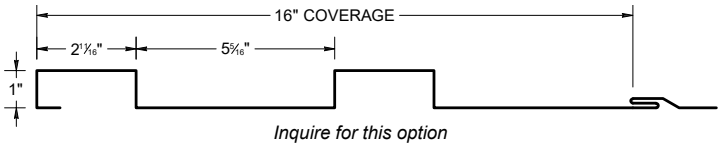
Contour™ Wall Panel System
Trinity™ Series CT-2C
Technical Data Resource

ICC EVALUATION SERVICE® **ICC-ES EVALUATION REPORT #5045 with CBC-CRC Supplement (coming soon)**

CLIP ATTACHMENT



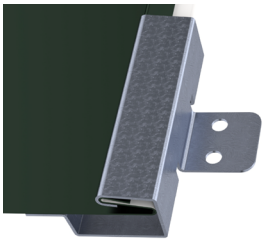
SCREW FLANGE ATTACHMENT



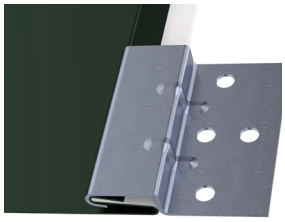
Inquire for this option

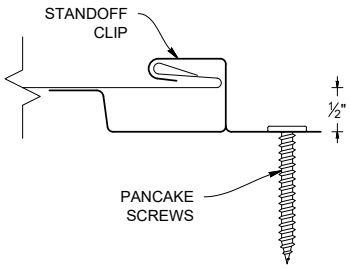
PANEL ATTACHMENT CLIP

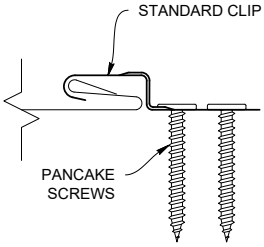
STANDOFF CLIP



STANDARD CLIP







KEY FEATURES

- Manufactured is Salem, OR, Sacramento, CA and Riverside, CA
- 16” panel coverage
- 24 & 22 Tru-Gauge™ steel and .032” & .040” aluminum
- Custom 20 & 18 Tru-Gauge™ steel and .050” & .063” aluminum. These require the use of high performance clips. (*please inquire*)
- Aluminum recommended within 1000 ft of salt water (*not required*)
- 3’ to 32’9” panel lengths (*Inquire for longer or shorter lengths*)
- Custom profiles available
- Vertical or horizontal wall application
- Acceptable for use as a soffit panel
- Interchangeable panel widths and configurations
- Perforated options available (*please inquire*)

TESTING

- ICC-ESR #5045 with CBC-CRC Supplement (coming soon)
- ASTM A653/A924 - G-90 Galvanized
- ASTM A792 - ZINCALUME®/Galvalume® AZ-50/55
- ASTM B209 - Aluminum Substrate
- ASTM D6578 - Anti-Graffiti
- ASTM E283 - Air infiltration (wall)
- ASTM E331 - Water infiltration (wall)
- ASTM E1592 - Negative structural uniform static air pressure
- ASTM E1646 - Water infiltration (roof)
- ASTM E1680 - Air infiltration (roof)

WEIGHT CHART

CT-2C	TYPE	24 GA STEEL	22 GA STEEL	.032 ALUM	.040 ALUM
THICKNESS		0.0236”	0.0285”	0.032”	0.040”
WEIGHT/LINFT	CLIP ATTACH	1.790 LBS	2.138 LBS	0.848 LBS	1.048 LBS
WEIGHT/LSQFT	CLIP ATTACH	1.343 LBS	1.603 LBS	0.636 LBS	0.786 LBS
WEIGHT/LINFT	SCREW FLANGE	1.976 LBS	2.519 LBS	0.936 LBS	1.236 LBS
WEIGHT/LSQFT	SCREW FLANGE	1.482 LBS	1.889 LBS	0.702 LBS	0.927 LBS

ASTM E 1680/E283 Air Penetration	ASTM E 1646/E331 Water Penetration
12 PSF<0.01 CFM/ft²-PASS	20.5 PSF - Pass
Intertek Test Result L5460.01-901-44 R1	
Intertek Test Result L5461.01-901-44 R1	
STRUCTURAL TESTING ASTM E1592	
Intertek Test Result N3050.19-301-44 R0	

NEGATIVE LOAD CHART WITH CLIP ATTACHMENT

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.37	0.0429	0.0420	0.0554	0.0398	0.0407	0.0706	135.0	122.5	110.0	97.5	85.0	72.5	60.0	47.5	35.0
16	22	50	1.62	0.0541	0.0530	0.0715	0.0504	0.0515	0.0911	135.0	122.5	110.0	97.5	85.0	72.5	60.0	47.5	35.0
16	20	33	1.98	0.0782	0.0756	0.1090	0.0692	0.0718	0.1380	135.0	122.5	110.0	97.5	85.0	72.5	60.0	47.5	35.0
16	18	33	2.56	0.1110	0.1074	0.1610	0.0985	0.1021	0.1800	135.0	122.5	110.0	97.5	85.0	72.5	60.0	47.5	35.0

1. Theoretical section properties for still panels have been calculated per AISI S100 Specifications for Design of Cold-Formed Steel Structural Members.
2. Charted Load/Span values are based on ASTM E1592-05
3. Minimum recommended substrate (structure) recommendations:
   A. Open-Framing (i.e. purlins)-16ga (design thickness 0.0566")
   B. Plywood/OSB-15/32" or thicker is recommended to assure an effective degree of fastener thread engagement.
   C. Metal Deck - 22ga (design thickness 0.0283")

POSITIVE LOAD CHART WITH CLIP ATTACHMENT

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Topin Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.37	0.0429	0.0420	0.0554	0.0398	0.0407	0.0706	1074.6	346.3	153.9	86.6	55.4	38.5	28.3	21.6	17.1	13.9
16	22	50	1.62	0.0541	0.0530	0.0715	0.0504	0.0515	0.0911	1434.6	446.9	198.6	111.7	71.5	49.7	36.5	27.9	22.1	17.9
16	20	33	1.98	0.0782	0.0756	0.1090	0.0692	0.0718	0.1380	1339.1	454.2	201.9	113.5	72.7	50.5	37.1	28.4	22.4	18.2
16	18	33	2.56	0.1110	0.1074	0.1610	0.0985	0.1021	0.1800	2120.9	670.8	298.2	167.7	107.3	74.5	54.8	41.9	33.1	26.8

1. Theoretical section properties for Steel panel shave been calculated per 2020 AISI S100 North America Specifications for the Design of Cold-Formed Steel Structural Member.
2. Allowable loads for Steel panels are calculated in accordance with 2020 AISI S100 specifications considering bending , shear, combined bending and shear and deflection. Allowable load considers a 3 or more equal span condition.
3. When panels are installed over solid or closely fitted sheathing, the capacity is limited to the capacity of the underlying sheathing.

PANEL ATTACHMENT



Fastener Notes:

- When possible, lap panels away from prevailing wind direction.
- 15/32" OSB: #10 Burr Buster fasteners.
- 15/32" Plywood: #10 GP Fastener. Screws should be long enough to penetrate through the bottom of the plywood by 3/8".
- Dimensional lumber: #10 GP. Screws should penetrate the lumber 1".
- 16ga (or less) Steel furring: #10 or #12 Fastener with DP-1
- All trim screws used for roof or wall applications should have EPDM sealing washers.

Rev. Date 11-26