

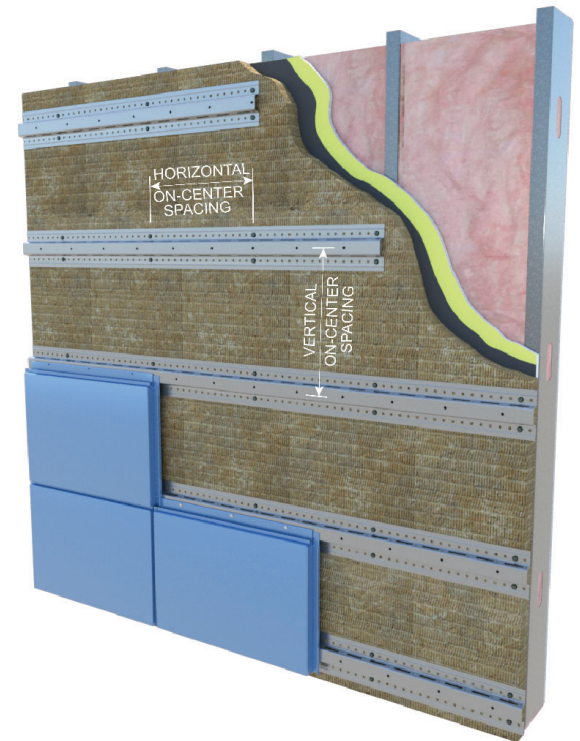
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ **3psf** Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation											
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	116	116	116	116	115	113	116	116	116	116	115	113	116	116	116	115	113	114	114	114	114	112	107	112	112	112	112	109	102							
	16	87	87	87	87	86	83	87	87	87	87	86	83	87	87	87	86	83	84	84	84	84	83	78	82	82	82	82	79	72							
	24	57	57	57	57	56	53	57	57	57	57	56	53	57	57	57	56	53	55	55	55	55	53	48	52	52	52	52	50	42							
	36	37	37	37	37	36	33	37	37	37	37	36	33	37	37	37	36	33	35	35	35	35	33	28	32	32	32	32	30	23							
	48	27	27	27	27	26	24	27	27	27	27	26	24	27	27	27	26	24	25	25	25	25	23	18	23	23	23	23	20	13							
24	12	77	77	77	77	76	73	77	77	77	77	76	73	77	77	77	76	73	74	74	74	74	73	68	72	72	72	72	70	62							
	16	57	57	57	57	56	53	57	57	57	57	56	53	57	57	57	56	53	55	55	55	55	53	48	52	52	52	52	50	42							
	24	37	37	37	37	36	33	37	37	37	37	36	33	37	37	37	36	33	35	35	35	35	33	28	32	32	32	32	30	23							
	36	24	24	24	24	23	20	24	24	24	24	23	20	24	24	24	23	20	22	22	22	22	20	15	19	19	19	19	17	9							
	48	17	17	17	17	16	14	17	17	17	17	16	14	17	17	17	16	14	9	9	9	9	8	7	—	—	—	—	—	—							
32	12	57	57	57	57	56	53	57	57	57	57	56	53	57	57	57	56	53	55	55	55	55	53	48	52	52	52	52	50	42							
	16	42	42	42	42	41	38	42	42	42	42	41	38	42	42	42	41	38	40	40	40	40	38	33	37	37	37	37	35	28							
	24	27	27	27	27	26	24	27	27	27	27	26	24	27	27	27	26	24	25	25	25	25	23	18	23	23	23	23	20	13							
	36	17	17	17	17	16	14	17	17	17	17	16	14	17	17	17	16	14	9	9	9	9	8	7	—	—	—	—	—	—							
	48	12	12	12	12	11	9	12	12	12	12	11	9	12	12	12	11	9	6	6	6	6	6	4	—	—	—	—	—	—							

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
- 4 The structural analysis assumes that the exterior insulation is self-supported such that its weight does not bear upon the ProChannel or fasteners.
- 5 The Grip-Deck TubeSeal® Fasteners were analyzed as a cantilevered beam with flexible rotation restraint from substrates and zero rotation restraint from the ProChannel Ci. The cantilevered length was measured from the outside surface of the ProChannel Ci to the outside surface of the substrate.
- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



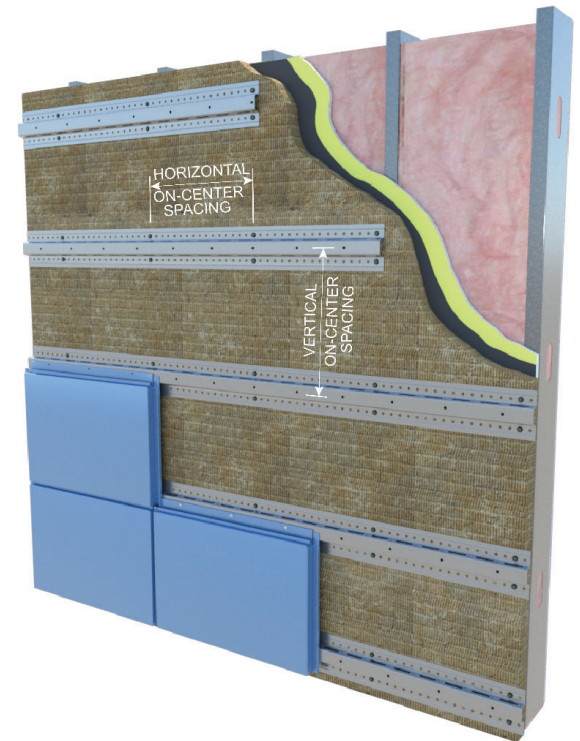
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ **4psf** Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation											
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	116	116	116	116	115	111	116	116	116	116	115	111	116	116	116	116	115	111	116	116	116	116	115	112	116	116	116	116	115	113						
	16	86	86	86	86	85	81	86	86	86	86	85	81	86	86	86	86	85	81	86	86	86	86	85	82	87	87	87	87	86	83						
	24	56	56	56	56	55	52	56	56	56	56	55	52	56	56	56	56	55	52	57	57	57	57	55	53	57	57	57	57	56	53						
	36	36	36	36	36	35	32	36	36	36	36	35	32	36	36	36	36	35	32	37	37	37	37	36	33	37	37	37	37	36	33						
	48	26	26	26	26	25	22	26	26	26	26	25	22	26	26	26	26	25	22	27	27	27	27	26	23	27	27	27	27	26	24						
24	12	76	76	76	76	75	72	76	76	76	76	75	72	76	76	76	76	75	72	76	76	76	76	75	72	77	77	77	77	76	73						
	16	56	56	56	56	55	52	56	56	56	56	55	52	56	56	56	56	55	52	57	57	57	57	55	53	57	57	57	57	56	53						
	24	36	36	36	36	35	32	36	36	36	36	35	32	36	36	36	36	35	32	37	37	37	37	36	33	37	37	37	37	36	33						
	36	23	23	23	23	22	19	23	23	23	23	22	19	23	23	23	23	22	19	12	12	12	12	11	9	-	-	-	-	-	-						
	48	17	17	17	17	15	12	17	17	17	17	15	12	17	17	17	17	15	12	8	8	8	8	8	6	-	-	-	-	-	-						
32	12	56	56	56	56	55	52	56	56	56	56	55	52	56	56	56	56	55	52	57	57	57	57	55	53	57	57	57	57	56	53						
	16	41	41	41	41	40	37	41	41	41	41	40	37	41	41	41	41	40	37	42	42	42	42	41	38	42	42	42	42	41	38						
	24	26	26	26	26	25	22	26	26	26	26	25	22	26	26	26	26	25	22	27	27	27	27	26	23	27	27	27	27	26	24						
	36	17	17	17	17	15	12	17	17	17	17	15	12	17	17	17	17	15	12	8	8	8	8	8	6	-	-	-	-	-	-						
	48	12	12	12	12	10	7	12	12	12	12	10	7	12	12	12	12	10	7	6	6	6	6	5	4	-	-	-	-	-	-						

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
- 4 The structural analysis assumes that the exterior insulation is self-supported such that its weight does not bear upon the ProChannel or fasteners.
- 5 The Grip-Deck TubeSeal® Fasteners were analyzed as a cantilevered beam with flexible rotation restraint from substrates and zero rotation restraint from the ProChannel Ci. The cantilevered length was measured from the outside surface of the ProChannel Ci to the outside surface of the substrate.
- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



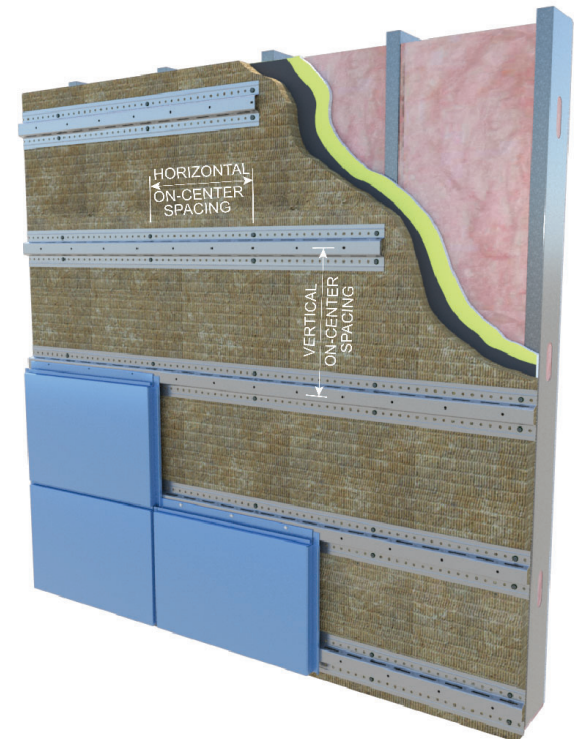
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ **Spsf** Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation											
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	115	115	115	115	114	110	115	115	115	115	114	110	115	115	115	115	114	110	115	115	115	115	114	110	116	116	116	116	115	111						
	16	85	85	85	85	84	80	85	85	85	85	84	80	85	85	85	85	84	80	86	86	86	86	84	81	86	86	86	86	85	81						
	24	56	56	56	56	54	50	56	56	56	56	54	50	56	56	56	56	54	50	56	56	56	56	55	51	56	56	56	56	55	52						
	36	36	36	36	36	34	30	36	36	36	36	34	30	36	36	36	36	34	30	36	36	36	36	35	31	36	36	36	36	35	32						
	48	26	26	26	26	24	20	26	26	26	26	24	20	26	26	26	26	24	20	13	13	13	13	12	10	-	-	-	-	-	-						
24	12	75	75	75	75	74	70	75	75	75	75	74	70	75	75	75	75	74	70	76	76	76	76	74	71	76	76	76	76	75	72						
	16	56	56	56	56	54	50	56	56	56	56	54	50	56	56	56	56	54	50	56	56	56	56	55	51	56	56	56	56	55	52						
	24	36	36	36	36	34	30	36	36	36	36	34	30	36	36	36	36	34	30	36	36	36	36	35	31	36	36	36	36	35	32						
	36	23	23	23	23	21	17	23	23	23	23	21	17	23	23	23	21	17	11	11	11	11	11	9	-	-	-	-	-	-							
	48	16	16	16	16	14	11	16	16	16	16	14	11	16	16	16	16	14	11	8	8	8	8	7	5	-	-	-	-	-	-						
32	12	56	56	56	56	54	50	56	56	56	56	54	50	56	56	56	56	54	50	56	56	56	56	55	51	56	56	56	56	55	52						
	16	41	41	41	41	39	35	41	41	41	41	39	35	41	41	41	39	35	41	41	41	41	40	36	41	41	41	41	40	37							
	24	26	26	26	26	24	20	26	26	26	26	24	20	26	26	26	26	24	20	13	13	13	13	12	10	-	-	-	-	-	-						
	36	16	16	16	16	14	11	16	16	16	16	14	11	16	16	16	16	14	11	8	8	8	8	7	5	-	-	-	-	-	-						
	48	11	11	11	11	10	6	5	5	5	5	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
- 4 The structural analysis assumes that the exterior insulation is self-supported such that its weight does not bear upon the ProChannel or fasteners.
- 5 The Grip-Deck TubeSeal® Fasteners were analyzed as a cantilevered beam with flexible rotation restraint from substrates and zero rotation restraint from the ProChannel Ci. The cantilevered length was measured from the outside surface of the ProChannel Ci to the outside surface of the substrate.
- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



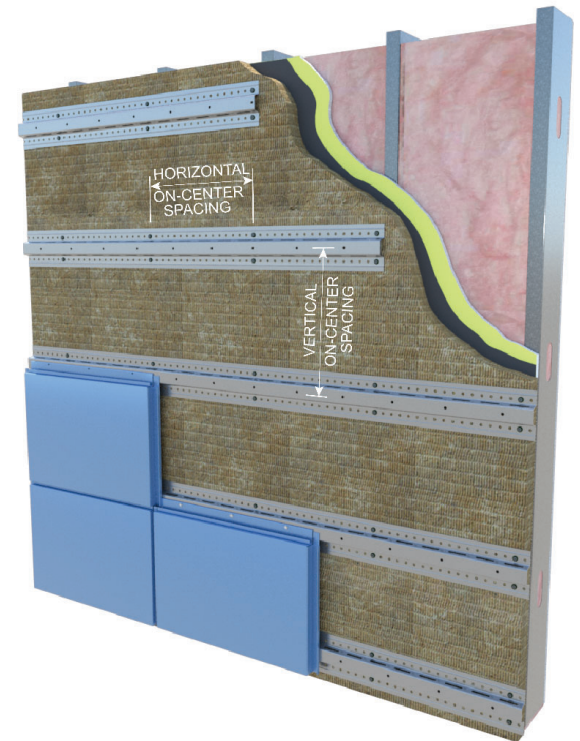
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ **6psf** Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation					
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	114	114	114	114	113	108	114	114	114	114	113	108	114	114	114	114	113	108	115	115	115	115	113	109	115	115	115	115	114	110
	16	85	85	85	85	83	78	85	85	85	85	83	78	85	85	85	85	83	78	85	85	85	85	83	79	85	85	85	85	84	80
	24	55	55	55	55	53	49	55	55	55	55	53	49	55	55	55	55	53	49	55	55	55	55	54	49	56	56	56	56	54	50
	36	35	35	35	35	33	29	35	35	35	35	33	29	35	35	35	35	33	29	18	18	18	18	17	14	—	—	—	—	—	—
	48	25	25	25	25	24	19	25	25	25	25	24	19	25	25	25	25	24	19	13	13	13	13	12	9	—	—	—	—	—	—
24	12	75	75	75	75	73	68	75	75	75	75	73	68	75	75	75	75	73	68	75	75	75	75	74	69	75	75	75	75	74	70
	16	55	55	55	55	53	49	55	55	55	55	53	49	55	55	55	55	53	49	55	55	55	55	54	49	56	56	56	56	54	50
	24	35	35	35	35	33	29	35	35	35	35	33	29	35	35	35	35	33	29	18	18	18	18	17	14	—	—	—	—	—	—
	36	22	22	22	22	20	16	22	22	22	22	20	16	22	22	22	22	20	16	11	11	11	11	10	8	—	—	—	—	—	—
	48	15	15	15	15	14	9	15	15	15	15	14	9	15	15	15	15	14	9	8	8	8	8	7	5	—	—	—	—	—	—
32	12	55	55	55	55	53	49	55	55	55	55	53	49	55	55	55	55	53	49	55	55	55	55	54	49	56	56	56	56	54	50
	16	40	40	40	40	38	34	40	40	40	40	38	34	40	40	40	40	38	34	20	20	20	20	19	17	—	—	—	—	—	—
	24	25	25	25	25	24	19	25	25	25	25	24	19	25	25	25	25	24	19	13	13	13	13	12	9	—	—	—	—	—	—
	36	15	15	15	15	14	9	15	15	15	15	14	9	15	15	15	15	14	9	8	8	8	8	7	5	—	—	—	—	—	—
	48	10	10	10	10	9	—	5	5	5	5	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
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- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



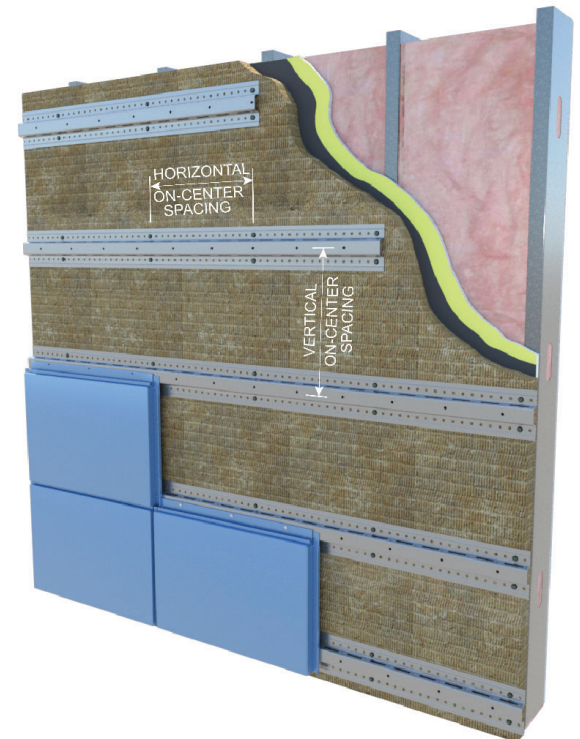
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ **7psf** Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation											
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	114	114	114	114	112	107	114	114	114	114	112	107	114	114	114	114	112	107	114	114	114	114	112	107	114	114	114	114	113	108						
	16	84	84	84	84	82	77	84	84	84	84	82	77	84	84	84	84	82	77	84	84	84	84	83	78	85	85	85	85	83	78						
	24	54	54	54	54	52	47	54	54	54	54	52	47	54	54	54	54	52	47	55	55	55	55	53	48	55	55	55	55	53	49						
	36	34	34	34	34	33	27	34	34	34	34	33	27	34	34	34	34	33	27	17	17	17	17	16	14	—	—	—	—	—	—						
	48	24	24	24	24	23	17	24	24	24	24	23	17	24	24	24	24	23	17	12	12	12	12	11	9	—	—	—	—	—	—						
24	12	74	74	74	74	72	67	74	74	74	74	72	67	74	74	74	74	72	67	74	74	74	74	73	68	75	75	75	75	73	68						
	16	54	54	54	54	52	47	54	54	54	54	52	47	54	54	54	54	52	47	55	55	55	55	53	48	55	55	55	55	53	49						
	24	34	34	34	34	33	27	34	34	34	34	33	27	34	34	34	34	33	27	17	17	17	17	16	14	—	—	—	—	—	—						
	36	21	21	21	21	19	14	21	21	21	21	19	14	21	21	21	21	19	14	11	11	11	11	10	7	—	—	—	—	—	—						
	48	15	15	15	15	13	7	7	7	7	7	6	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
32	12	54	54	54	54	52	47	54	54	54	54	52	47	54	54	54	54	52	47	55	55	55	55	53	48	55	55	55	55	53	49						
	16	39	39	39	39	37	32	39	39	39	39	37	32	39	39	39	39	37	32	20	20	20	20	19	16	—	—	—	—	—	—						
	24	24	24	24	24	23	17	24	24	24	24	23	17	24	24	24	24	23	17	12	12	12	12	11	9	—	—	—	—	—	—						
	36	15	15	15	15	13	7	7	7	7	7	6	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	48	10	10	10	10	8	—	5	5	5	5	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
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- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



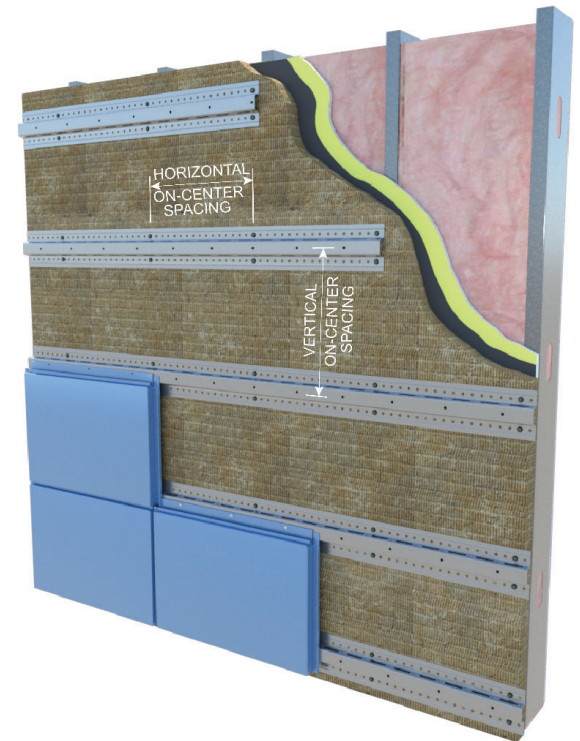
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ **8psf** Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation											
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	113	113	113	113	111	105	113	113	113	113	111	105	113	113	113	111	105	113	113	113	113	111	106	114	114	114	114	112	107							
	16	83	83	83	83	81	75	83	83	83	83	81	75	83	83	83	81	75	84	84	84	84	82	76	84	84	84	84	82	77							
	24	54	54	54	54	51	46	54	54	54	54	51	46	54	54	54	51	46	27	27	27	27	26	23	-	-	-	-	-	-							
	36	34	34	34	34	32	26	34	34	34	34	32	26	34	34	34	32	26	17	17	17	17	16	13	-	-	-	-	-	-							
	48	24	24	24	24	22	16	24	24	24	24	22	16	24	24	24	22	16	12	12	12	12	11	8	-	-	-	-	-	-							
24	12	73	73	73	73	71	65	73	73	73	73	71	65	73	73	73	71	65	74	74	74	74	72	66	74	74	74	74	72	67							
	16	54	54	54	54	51	46	54	54	54	54	51	46	54	54	54	51	46	27	27	27	27	26	23	-	-	-	-	-	-							
	24	34	34	34	34	32	26	34	34	34	34	32	26	34	34	34	32	26	17	17	17	17	16	13	-	-	-	-	-	-							
	36	21	21	21	21	18	13	21	21	21	21	18	13	21	21	21	18	13	10	10	10	10	9	6	-	-	-	-	-	-							
	48	14	14	14	14	12	6	7	7	7	7	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
32	12	54	54	54	54	51	46	54	54	54	54	51	46	54	54	54	51	46	27	27	27	27	26	23	-	-	-	-	-	-							
	16	39	39	39	39	37	31	39	39	39	39	37	31	39	39	39	37	31	19	19	19	19	18	15	-	-	-	-	-	-							
	24	24	24	24	24	22	16	24	24	24	24	22	16	24	24	24	22	16	12	12	12	12	11	8	-	-	-	-	-	-							
	36	14	14	14	14	12	6	7	7	7	7	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	48	9	9	9	9	7	-	4	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
- 4 The structural analysis assumes that the exterior insulation is self-supported such that its weight does not bear upon the ProChannel or fasteners.
- 5 The Grip-Deck TubeSeal® Fasteners were analyzed as a cantilevered beam with flexible rotation restraint from substrates and zero rotation restraint from the ProChannel Ci. The cantilevered length was measured from the outside surface of the ProChannel Ci to the outside surface of the substrate.
- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



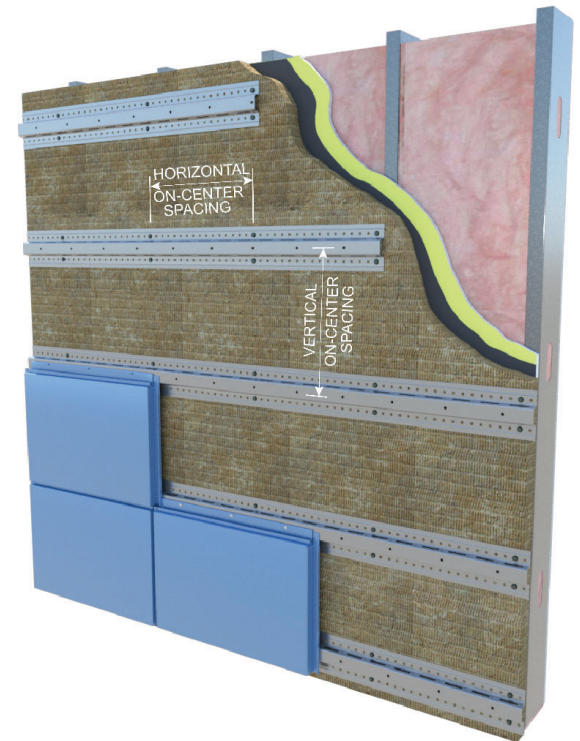
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ **9psf** Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation					
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	112	112	112	112	110	103	112	112	112	112	110	103	112	112	112	112	110	103	113	113	113	113	111	104	-	-	-	-	-	-
	16	83	83	83	83	80	74	83	83	83	83	80	74	83	83	83	83	80	74	83	83	83	83	81	75	-	-	-	-	-	-
	24	53	53	53	53	51	44	53	53	53	53	51	44	53	53	53	53	51	44	26	26	26	26	25	22	-	-	-	-	-	-
	36	33	33	33	33	31	24	33	33	33	33	31	24	33	33	33	33	31	24	17	17	17	17	15	12	-	-	-	-	-	-
	48	23	23	23	23	21	14	23	23	23	23	21	14	23	23	23	23	21	14	12	12	12	12	10	7	-	-	-	-	-	-
24	12	73	73	73	73	70	64	73	73	73	73	70	64	73	73	73	73	70	64	73	73	73	73	71	65	-	-	-	-	-	-
	16	53	53	53	53	51	44	53	53	53	53	51	44	53	53	53	53	51	44	26	26	26	26	25	22	-	-	-	-	-	-
	24	33	33	33	33	31	24	33	33	33	33	31	24	33	33	33	33	31	24	17	17	17	17	15	12	-	-	-	-	-	-
	36	20	20	20	20	18	11	10	10	10	10	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	48	13	13	13	13	11	-	7	7	7	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	12	53	53	53	53	51	44	53	53	53	53	51	44	53	53	53	53	51	44	26	26	26	26	25	22	-	-	-	-	-	-
	16	38	38	38	38	36	29	38	38	38	38	36	29	38	38	38	38	36	29	19	19	19	19	18	15	-	-	-	-	-	-
	24	23	23	23	23	21	14	23	23	23	23	21	14	23	23	23	23	21	14	12	12	12	12	10	7	-	-	-	-	-	-
	36	13	13	13	13	11	-	7	7	7	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
- 4 The structural analysis assumes that the exterior insulation is self-supported such that its weight does not bear upon the ProChannel or fasteners.
- 5 The Grip-Deck TubeSeal® Fasteners were analyzed as a cantilevered beam with flexible rotation restraint from substrates and zero rotation restraint from the ProChannel Ci. The cantilevered length was measured from the outside surface of the ProChannel Ci to the outside surface of the substrate.
- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



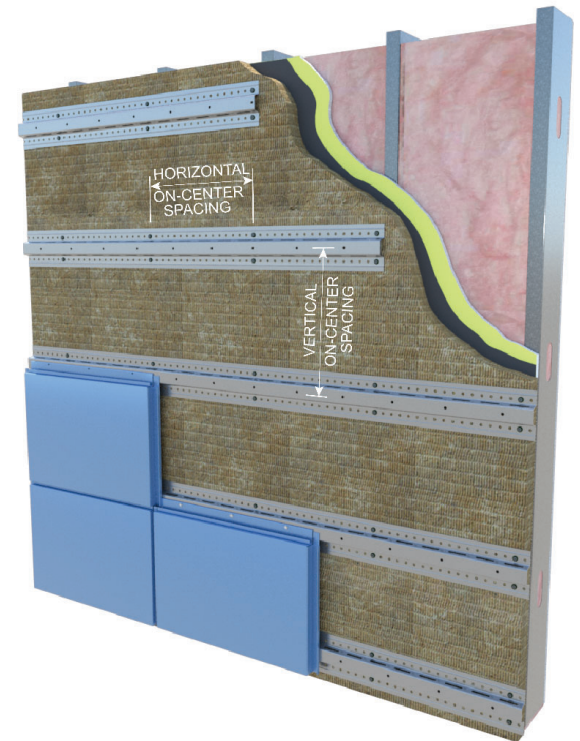
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ 10psf Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation					
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	112	112	112	112	109	102	112	112	112	112	109	102	112	112	112	109	102	112	112	112	112	110	103	-	-	-	-	-	-	
	16	82	82	82	82	79	72	82	82	82	82	79	72	82	82	82	79	72	82	82	82	82	80	73	-	-	-	-	-	-	
	24	52	52	52	52	50	42	52	52	52	52	50	42	52	52	52	50	42	26	26	26	26	25	21	-	-	-	-	-	-	
	36	32	32	32	32	30	23	32	32	32	32	30	23	32	32	32	30	23	16	16	16	16	15	11	-	-	-	-	-	-	
	48	23	23	23	23	20	13	11	11	11	11	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24	12	72	72	72	72	70	62	72	72	72	72	70	62	72	72	72	70	62	72	72	72	72	70	63	-	-	-	-	-	-	
	16	52	52	52	52	50	42	52	52	52	52	50	42	52	52	52	50	42	26	26	26	26	25	21	-	-	-	-	-	-	
	24	32	32	32	32	30	23	32	32	32	32	30	23	32	32	32	30	23	16	16	16	16	15	11	-	-	-	-	-	-	
	36	19	19	19	19	17	9	10	10	10	10	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	48	13	13	13	13	10	-	6	6	6	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32	12	52	52	52	52	50	42	52	52	52	52	50	42	52	52	52	50	42	26	26	26	26	25	21	-	-	-	-	-	-	
	16	37	37	37	37	35	28	37	37	37	37	35	28	37	37	37	35	28	19	19	19	19	17	14	-	-	-	-	-	-	
	24	23	23	23	23	20	13	11	11	11	11	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	36	13	13	13	13	10	-	6	6	6	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
- 4 The structural analysis assumes that the exterior insulation is self-supported such that its weight does not bear upon the ProChannel or fasteners.
- 5 The Grip-Deck TubeSeal® Fasteners were analyzed as a cantilevered beam with flexible rotation restraint from substrates and zero rotation restraint from the ProChannel Ci. The cantilevered length was measured from the outside surface of the ProChannel Ci to the outside surface of the substrate.
- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



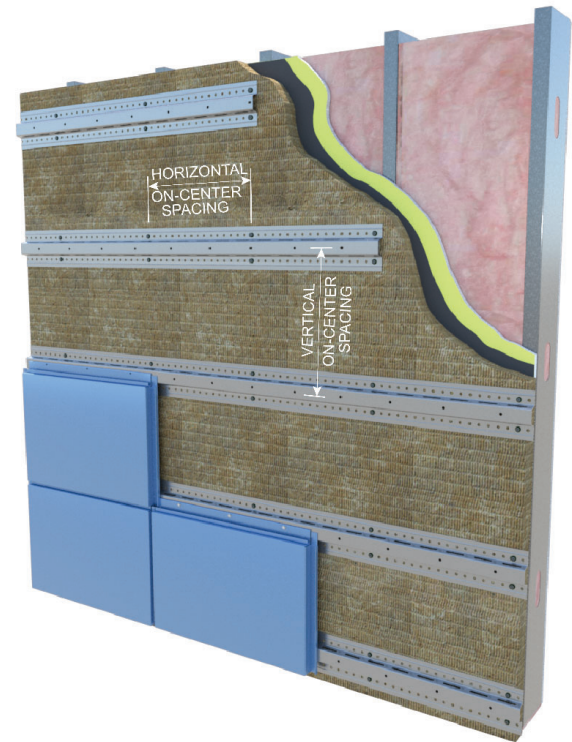
ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ 11psf Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation														
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga			
		16	12	111	111	111	111	108	100	111	111	111	111	108	100	111	111	111	111	108	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	81		81	81	81	79	71	81	81	81	81	79	71	81	81	81	81	79	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
24	52		52	52	52	49	41	52	52	52	52	49	41	52	52	52	52	49	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
36	32		32	32	32	29	21	32	32	32	32	29	21	32	32	32	32	29	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
48	22		22	22	22	19	11	11	11	11	11	11	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24	12	71	71	71	71	69	61	71	71	71	71	69	61	71	71	71	71	69	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	16	52	52	52	52	49	41	52	52	52	52	49	41	52	52	52	52	49	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	24	32	32	32	32	29	21	32	32	32	32	29	21	32	32	32	32	29	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	36	19	19	19	19	16	8	9	9	9	9	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	12	52	52	52	52	49	41	52	52	52	52	49	41	52	52	52	52	49	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	16	37	37	37	37	34	26	37	37	37	37	34	26	37	37	37	37	34	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	24	22	22	22	22	19	11	11	11	11	11	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36	12	12	12	12	9	-	6	6	6	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
- 4 The structural analysis assumes that the exterior insulation is self-supported such that its weight does not bear upon the ProChannel or fasteners.
- 5 The Grip-Deck TubeSeal® Fasteners were analyzed as a cantilevered beam with flexible rotation restraint from substrates and zero rotation restraint from the ProChannel Ci. The cantilevered length was measured from the outside surface of the ProChannel Ci to the outside surface of the substrate.
- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.



ProChannel Ci 54mil (16ga) System - Maximum Wind Load Resistance (psf)

ProChannel Ci **Horizontally** oriented w/ **12psf** Cladding Dead

Spacing		2" Insulation						2-1/2" Insulation						3" Insulation						3-1/2" Insulation						4" Insulation					
Horizontal On-Center Spacing	Vertical On-Center Spacing	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga	Wood	12ga	14ga	16ga	18ga	20ga
16	12	110	110	110	110	107	99	110	110	110	110	107	99	110	110	110	107	99	—	—	—	—	—	—	—	—	—	—	—	—	
	16	81	81	81	81	78	69	81	81	81	81	78	69	81	81	81	78	69	—	—	—	—	—	—	—	—	—	—	—		
	24	51	51	51	51	48	39	51	51	51	51	48	39	51	51	51	48	39	—	—	—	—	—	—	—	—	—	—	—		
	36	31	31	31	31	28	20	31	31	31	31	28	20	31	31	31	28	20	—	—	—	—	—	—	—	—	—	—	—		
	48	21	21	21	21	18	10	11	11	11	11	9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
24	12	71	71	71	71	68	59	71	71	71	71	68	59	71	71	71	68	59	—	—	—	—	—	—	—	—	—	—	—		
	16	51	51	51	51	48	39	51	51	51	51	48	39	51	51	51	48	39	—	—	—	—	—	—	—	—	—	—	—		
	24	31	31	31	31	28	20	31	31	31	31	28	20	31	31	31	28	20	—	—	—	—	—	—	—	—	—	—	—		
	36	18	18	18	18	15	6	9	9	9	9	7	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
32	12	51	51	51	51	48	39	51	51	51	51	48	39	51	51	51	48	39	—	—	—	—	—	—	—	—	—	—	—		
	16	36	36	36	36	33	25	36	36	36	36	33	25	36	36	36	33	25	—	—	—	—	—	—	—	—	—	—	—		
	24	21	21	21	21	18	10	11	11	11	11	9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	36	11	11	11	11	8	—	6	6	6	6	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		

Notes:

- 1 Maximum cladding dead load (psf) that can be handled by this system, limited by the calculated or tested load that results in 0.125 in. deflection.
- 2 Wind loads indicated in result tables were calculated/generated using Allowable Stress Design (ASD).
- 3 The structural analysis assumes that the horizontal and vertical distances between fasteners are equal to the area of cladding contributing to the loading of two screws for horizontally aligned ProChannel Ci system.
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- 6 ProChannel Ci must not cantilever past the continuous insulation.
- 7 To use this table correctly, the ProChannel Ci must be loaded uniformly both in terms of dead load and wind/seismic load.
- 8 It is the responsibility of design professional to detail the project drawings for proper ProChannel Ci installation.

