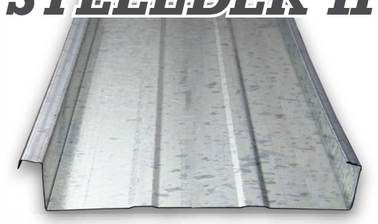
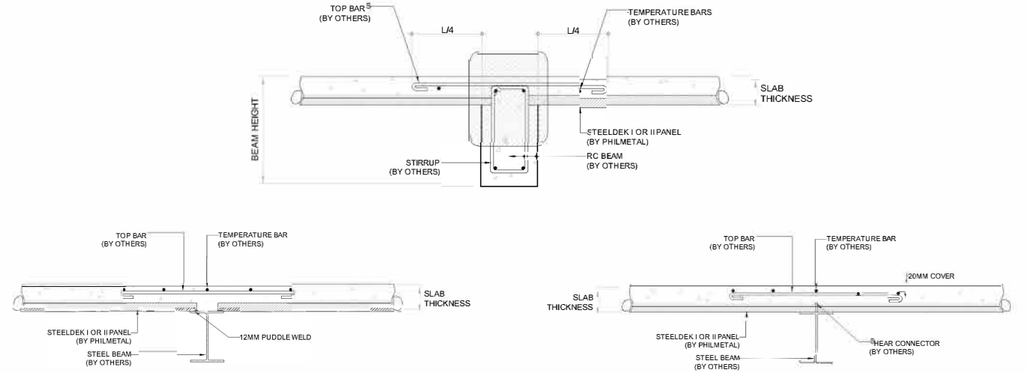
Galvabond®
STEELDEK® II



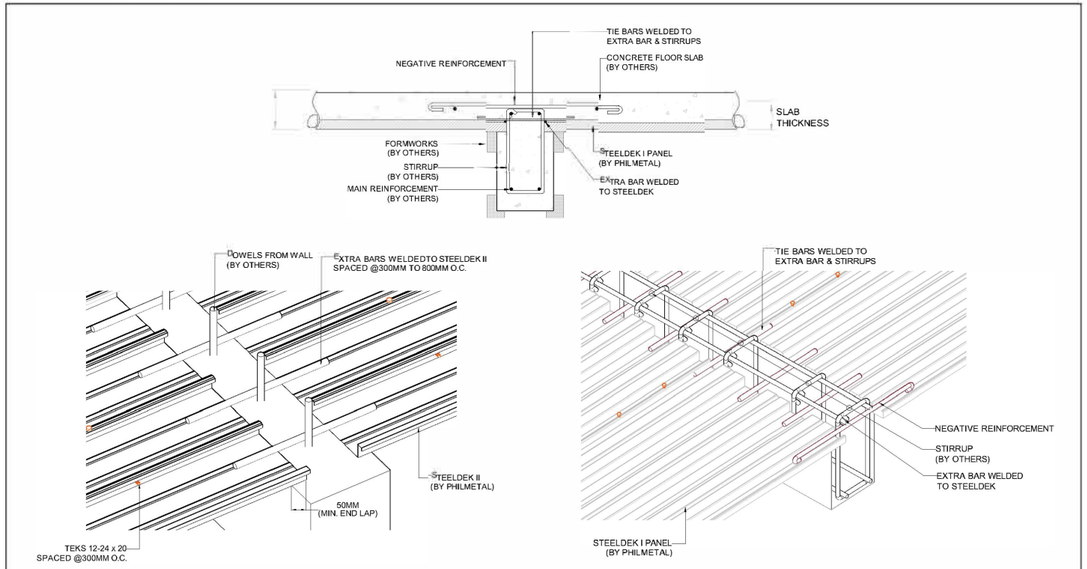
Galvabond®
STEELDEK® 610



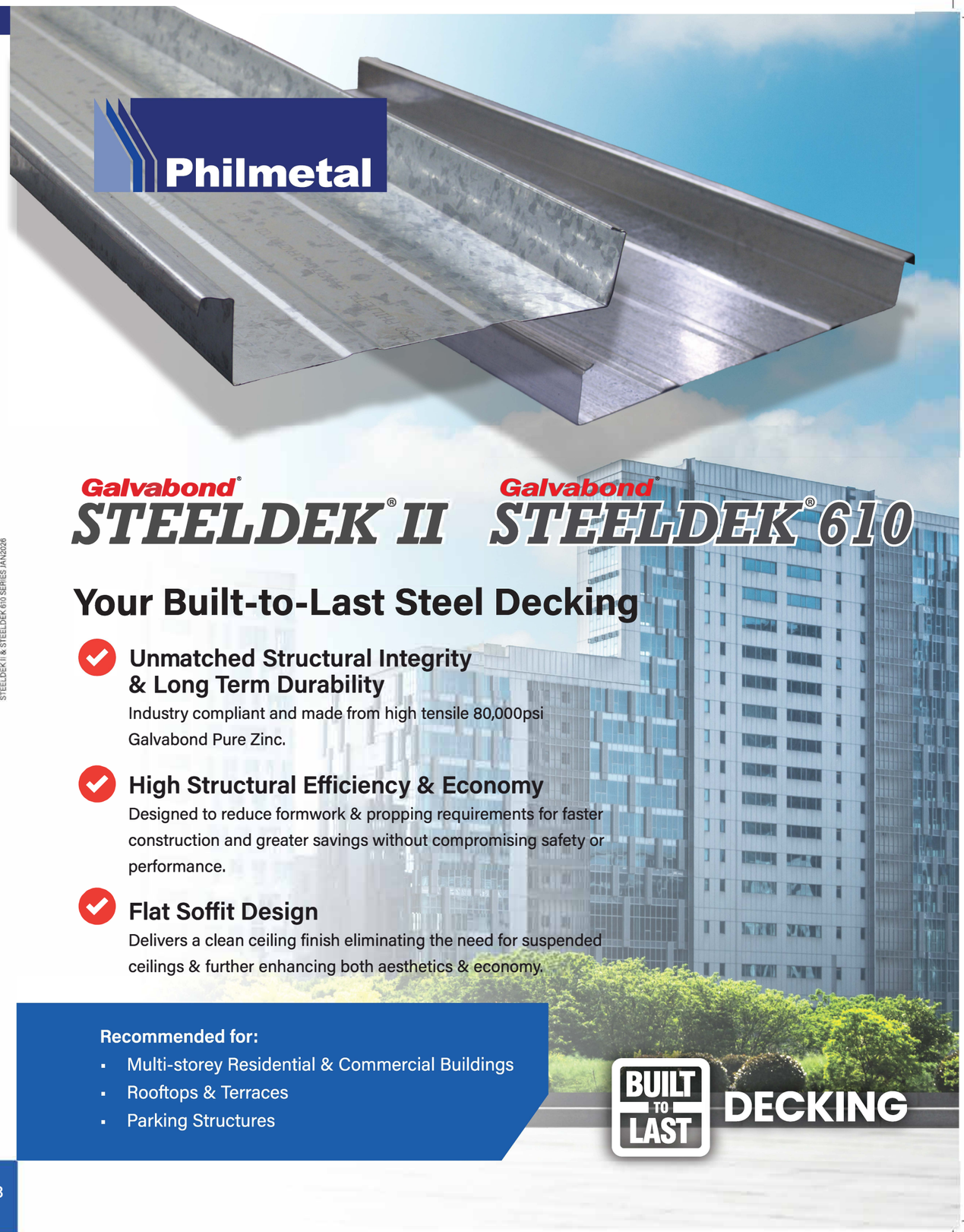
DETAIL OF BEAM JOINT



SECTION DETAILS



STEELDEK II & STEELDEK 610 SERIES JAN2026



Galvabond®
STEELDEK® II

Galvabond®
STEELDEK® 610

Your Built-to-Last Steel Decking

Unmatched Structural Integrity & Long Term Durability

Industry compliant and made from high tensile 80,000psi Galvabond Pure Zinc.

High Structural Efficiency & Economy

Designed to reduce formwork & propping requirements for faster construction and greater savings without compromising safety or performance.

Flat Soffit Design

Delivers a clean ceiling finish eliminating the need for suspended ceilings & further enhancing both aesthetics & economy.

Recommended for:

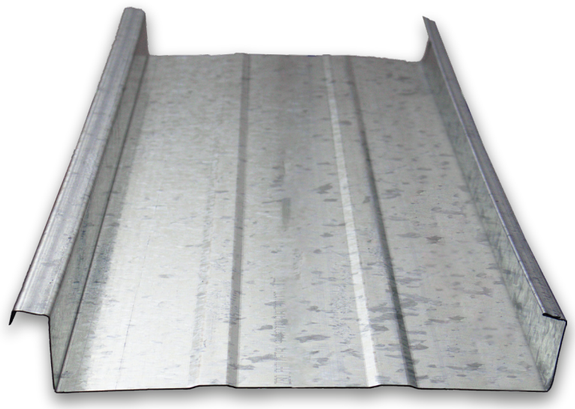
- Multi-storey Residential & Commercial Buildings
- Rooftops & Terraces
- Parking Structures

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Galvabond® STEELDEK® II



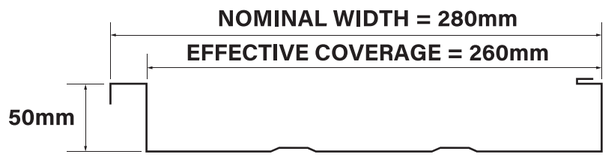
BASE METAL TYPE: Cold Rolled Steel

SUBSTRATE: Available in GALVABOND™; Structural Grade C (40,000 psi) and Grade E (80,000 psi) complying with ASTM A653

LENGTH: Available in factory-cut custom ordered lengths. Longer panels can be supplied provided satisfactory transport and on-site handling can be arranged.

APPLICATIONS: Floor and Roof Decking

**Thicker base metal & zinc coating mass can be arranged.*



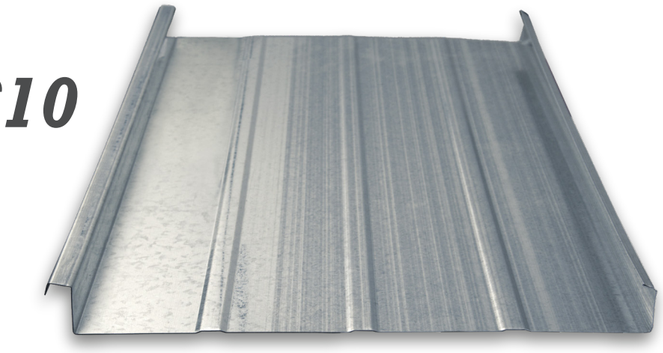
STEELDEK II SECTION PROPERTIES

THICKNESS	WEIGHT	AREA		Ix		S_{TOP}		S_{BOT}		Y_{TOP}		Y_{BOT}	
mm	kg/m²	mm²	in²	mm⁴	in⁴	mm³	in³	mm³	in³	mm	in.	mm	in.
0.80	8.97	1168	0.552	643654	0.471	17727	0.329	47016	0.874	36.31	1.430	13.69	0.539
1.00	11.42	1492	0.705	822447	0.602	22713	0.422	59641	1.109	36.21	1.426	13.79	0.543
1.20	13.51	1768	0.835	974421	0.714	26977	0.502	70203	1.308	36.12	1.422	13.88	0.546

MAXIMUM ALLOWABLE CONSTRUCTION LIVE LOAD (KPA)

THICKNESS (mm)	SLAB DEPTH (mm)	CLEAR SPAN (m)										
		1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50
0.80	100	13.91	11.05	8.82	7.05	5.64	4.50	3.57	2.80	2.15	1.61	1.15
	125	13.34	10.48	8.25	6.48	5.07	3.93	3.00	2.23	1.58	1.04	0.58
	150	12.77	9.91	7.68	5.91	4.50	3.36	2.43	1.66	1.01	0.47	-
	175	12.20	9.34	7.11	5.34	3.93	2.79	1.86	1.09	0.44	-	-
	200	11.63	8.77	6.54	4.77	3.36	2.22	1.29	0.52	-	-	-
1.00	100	18.41	14.75	11.90	9.65	7.85	6.39	5.19	4.20	3.38	2.69	2.10
	125	17.84	14.18	11.33	9.08	7.28	5.82	4.62	3.63	2.81	2.12	1.53
	150	17.27	13.61	10.76	8.51	6.71	5.25	4.05	3.06	2.24	1.55	0.96
	175	16.70	13.04	10.19	7.94	6.14	4.68	3.48	2.49	1.67	0.98	0.39
	200	16.13	12.47	9.62	7.37	5.57	4.11	2.91	1.92	1.10	0.41	-
1.20	100	22.23	17.89	14.52	11.85	9.71	7.99	6.57	5.40	4.43	3.61	2.91
	125	21.66	17.32	13.95	11.28	9.14	7.42	6.00	4.83	3.86	3.04	2.34
	150	21.09	16.75	13.38	10.71	8.57	6.85	5.43	4.26	3.29	2.47	1.77
	175	20.52	16.18	12.81	10.14	8.00	6.28	4.86	3.69	2.72	1.90	1.20
	200	19.95	15.61	12.24	9.57	7.43	5.71	4.29	3.12	2.15	1.33	0.63

Galvabond® STEELDEK® 610



BASE METAL TYPE: Cold Rolled Steel

SUBSTRATE: Available in GALVABOND™; Structural Grade C (40,000 psi) and Grade E (80,000 psi) complying with ASTM A653

LENGTH: Available in factory-cut custom ordered lengths. Longer panels can be supplied provided satisfactory transport and on-site handling can be arranged.

APPLICATIONS: Floor and Roof Decking

**Thicker base metal & zinc coating mass can be arranged.*



STEELDEK 610 SECTION PROPERTIES

THICKNESS	WEIGHT	AREA		Ix		S_{TOP}		S_{BOT}		Y_{TOP}		Y_{BOT}	
mm	kg/m²	mm²	in²	mm⁴	in⁴	mm³	in³	mm³	in³	mm	in.	mm	in.
0.80	7.60	930.60	0.44	257468	0.189	6298	0.117	28231	0.526	40.88	1.609	9.12	0.359
1.00	9.68	1189.10	0.562	328987	0.241	8067	0.15	35682	0.664	40.78	1.606	9.22	0.363
1.20	11.45	1408.82	0.666	389778	0.286	9579	0.179	41867	0.779	40.69	1.602	9.31	0.367

MAXIMUM ALLOWABLE CONSTRUCTION LIVE LOAD (KPA)

THICKNESS (mm)	SLAB DEPTH (mm)	CLEAR SPAN (m)										
		1.50	**1.60**	**1.70**	**1.80**	**1.90**	**2.00**	**2.10**	**2.20**	**2.30**	**2.40**	**2.50**
0.80	100	19.54	14.08	10.29	7.57	5.58	4.08	2.94	2.05	1.34	0.78	0.32
	125	18.96	13.49	9.70	6.99	4.99	3.49	2.35	1.46	0.75	0.19	-
	150	18.37	12.90	9.11	6.40	4.40	2.91	1.76	0.87	0.16	-	-
	175	17.78	12.31	8.52	5.81	3.81	2.32	1.17	0.28	-	-	-
	200	17.19	11.72	7.93	5.22	3.22	1.73	0.58	-	-	-	-
1.00	100	25.63	18.65	13.80	10.33	7.78	5.87	4.41	3.27	2.37	1.65	1.06
	125	25.04	18.06	13.21	9.74	7.20	5.28	3.82	2.68	1.78	1.06	0.47
	150	24.45	17.47	12.62	9.15	6.61	4.69	3.23	2.09	1.19	0.47	-
	175	23.86	16.88	12.03	8.57	6.02	4.11	2.64	1.50	0.60	-	-
	200	23.27	16.29	11.44	7.98	5.43	3.52	2.05	0.91	-	-	-
1.20	100	30.80	22.53	16.79	12.68	9.66	7.39	5.66	4.31	3.24	2.39	1.69
	125	30.21	21.94	16.20	12.09	9.07	6.80	5.07	3.72	2.65	1.80	1.11
	150	29.62	21.35	15.61	11.50	8.48	6.21	4.48	3.13	2.06	1.21	0.52
	175	29.03	20.76	15.02	10.91	7.89	5.63	3.89	2.54	1.47	0.62	-
	200	28.44	20.17	14.43	10.32	7.30	5.04	3.30	1.95	0.88	0.03	-