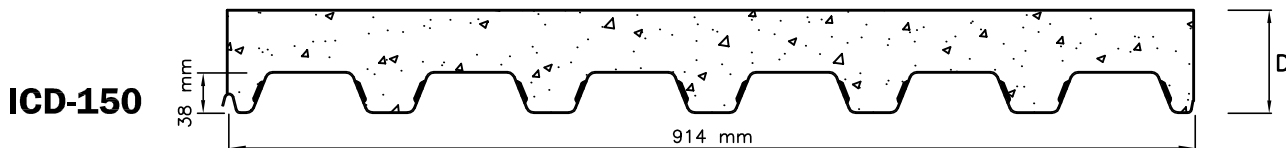


ICD-150 et ICD-151

Tablier de Plancher Composite

MÉTRIQUE

Z275 Galvanisé



ICD-151



ACIER PROFILÉ - PROPRIÉTÉS PHYSIQUES (par mètre de largeur)					
Épaisseur Nominale (mm)	Surface de l'acier (mm ²)	Masse Z275 (kg/m ²)	Modules de Section		Deflection d'Inertie (x10 ⁶ mm ⁴)
			Mi-portée (x10 ³ mm ³)	Support (x10 ³ mm ³)	
0.762	1017	8.26	10.2	10.4	0.236
0.914	1221	9.86	12.4	13.0	0.293
1.22	1628	13.1	16.9	17.2	0.397

DALLE COMPOSITE - PROPRIÉTÉS PHYSIQUES (par mètre de largeur)					
Épaisseur de la dalle, D (mm)					
100	110	120	130	140	
Poids de la dalle (kPa)					
1.88	2.11	2.33	2.56	2.78	
Volume du béton (m ³ /10m ²)					
0.76	0.86	0.96	1.06	1.16	

CHARGES SPÉCIFIÉES UNIFORMÉMENT RÉPARTIES (kPa)																
Épaisseur de la dalle, D (mm)		100			110			120			130			140		
Épaisseur Nominale (mm)	Support (m)	Portée			Portée			Portée			Portée			Portée		
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
0.762	1.5	24.2	24.2	24.2	27.3	27.3	27.3	30.4	30.4	30.4	33.6	33.6	33.6	36.7	36.7	36.7
	1.6	21.6	21.6	21.6	24.4	24.4	24.4	27.2	27.2	27.2	30.0	30.0	30.0	32.8	32.8	32.8
	1.8	17.6	17.6	17.6	19.8	19.8	19.8	22.1	22.1	22.1	24.4	24.4	24.4	26.7	26.7	26.7
	2.0	14.6	14.6	14.6	16.5	16.5	16.5	18.4	18.4	18.4	20.3	20.3	20.3	22.2	22.2	22.2
	2.2	12.4	12.4	12.4	14.1	14.1	14.1	15.7	15.7	15.7	17.3	17.3	17.3	18.9	18.9	18.9
	2.4	10.8	10.8	10.8	12.1	12.1	12.1	13.5	13.5	13.5	14.9	14.9	14.9	16.3	16.3	16.3
	2.5	10.0	10.0	10.0	11.3	11.3	11.3	12.7	12.7	12.7	14.0	14.0	14.0	15.3	15.3	15.3
	2.6	9.4	9.4	9.4	10.6	10.6	10.6	11.9	11.9	11.9	13.1	13.1	13.1	14.3	14.3	14.3
	2.8	8.0	8.0	8.0	9.2	9.2	9.2	10.5	10.5	10.5	11.6	11.6	11.6	12.7	12.7	12.7
	3.0	6.8	6.8	6.8	7.8	7.8	7.8	8.9	8.9	8.9	10.0	10.0	10.0	11.0	11.0	11.0
3.2	5.8	5.8	5.8	6.7	6.7	6.7	7.6	7.6	7.6	8.5	8.5	8.5	9.4	9.4	9.4	
0.914	1.5	26.2	26.2	26.2	29.6	29.6	29.6	33.0	33.0	33.0	36.4	36.4	36.4	39.8	39.8	39.8
	1.6	23.6	23.6	23.6	26.6	26.6	26.6	29.7	29.7	29.7	32.8	32.8	32.8	35.8	35.8	35.8
	1.8	19.5	19.5	19.5	22.0	22.0	22.0	24.6	24.6	24.6	27.1	27.1	27.1	29.6	29.6	29.6
	2.0	16.5	16.5	16.5	18.6	18.6	18.6	20.8	20.8	20.8	22.9	22.9	22.9	25.1	25.1	25.1
	2.2	14.2	14.2	14.2	16.1	16.1	16.1	17.9	17.9	17.9	19.7	19.7	19.7	21.6	21.6	21.6
	2.4	12.4	12.4	12.4	14.0	14.0	14.0	15.7	15.7	15.7	17.3	17.3	17.3	18.9	18.9	18.9
	2.5	11.7	11.7	11.7	13.2	13.2	13.2	14.7	14.7	14.7	16.2	16.2	16.2	17.7	17.7	17.7
	2.6	11.0	11.0	11.0	12.4	12.4	12.4	13.9	13.9	13.9	15.3	15.3	15.3	16.7	16.7	16.7
	2.8	9.5	9.5	9.5	11.0	11.0	11.0	12.4	12.4	12.4	13.7	13.7	13.7	15.0	15.0	15.0
	3.0	8.1	8.1	8.1	9.4	9.4	9.4	10.7	10.7	10.7	12.0	12.0	12.0	13.3	13.3	13.3
3.2	6.9	6.9	6.9	8.1	8.1	8.1	9.2	9.2	9.2	10.3	10.3	10.3	11.4	11.4	11.4	
1.22	1.5	28.8	28.8	28.8	32.5	32.5	32.5	36.2	36.2	36.2	40.0	40.0	40.0	43.7	43.7	43.7
	1.6	26.2	26.2	26.2	29.6	29.6	29.6	33.0	33.0	33.0	36.4	36.4	36.4	39.8	39.8	39.8
	1.8	22.1	22.1	22.1	24.9	24.9	24.9	27.8	27.8	27.8	30.7	30.7	30.7	33.5	33.5	33.5
	2.0	19.0	19.0	19.0	21.5	21.5	21.5	24.0	24.0	24.0	26.4	26.4	26.4	28.9	28.9	28.9
	2.2	16.6	16.6	16.6	18.8	18.8	18.8	21.0	21.0	21.0	23.1	23.1	23.1	25.3	25.3	25.3
	2.4	14.8	14.8	14.8	16.7	16.7	16.7	18.6	18.6	18.6	20.5	20.5	20.5	22.5	22.5	22.5
	2.5	14.0	14.0	14.0	15.8	15.8	15.8	17.6	17.6	17.6	19.4	19.4	19.4	21.3	21.3	21.3
	2.6	13.3	13.3	13.3	15.0	15.0	15.0	16.7	16.7	16.7	18.4	18.4	18.4	20.2	20.2	20.2
	2.8	12.0	12.0	12.0	13.6	13.6	13.6	15.1	15.1	15.1	16.7	16.7	16.7	18.3	18.3	18.3
	3.0	9.9	9.9	9.9	12.2	12.2	12.2	13.8	13.8	13.8	15.2	15.2	15.2	16.7	16.7	16.7
	3.2	8.2	8.2	8.2	10.5	10.5	10.5	12.1	12.1	12.1	13.6	13.6	13.6	15.2	15.2	15.2

Note: Un support à mi-portée sera requis pour les valeurs ombragées durant la cure du béton.