

EXP 75 / 305 DATA SHEET

SECTION PROPERTIES (Per Meter of Coverage Width)

Thickness (mm)	Weight Kg/m ²	Area cm ²	For 1 mm with units mm-kg		
			lx cm ²	Sx Top cm ²	Sx Bottom cm ²
0.70	7.59	9.665	92.4020	25.213	24.608
0.80	8.67	11.044	10.56015	28.744	28.087
0.90	9.75	12.425	11.88010	32.322	31.558
1.00	10.83	13.805	13.20007	35.863	35.020
1.20	13.00	16.565	15.84011	42.912	41.919
1.50	16.24	20.704	19.80053	53.413	52.204

Thickness (T) (MM)	Span Condition	Thickness of concrete above deck sheet						
		50	75	100	125	150	175	200
0.7		2.663	2.560	2.458	2.350	2.231	2.106	2.046
		3.152	3.134	2.953	2.801	2.670	2.556	2.455
		3.230	3.159	3.012	2.803	2.629	2.523	2.430
		24.35	31.85	38.8	45.78	42.86	59.94	67.02
0.8		2.784	2.656	2.549	2.457	2.377	2.306	2.244
		3.581	3.348	3.150	2.992	2.852	2.720	2.603
		3.660	3.281	3.349	3.034	2.938	2.849	2.772
		28.07	36.36	44.24	52.33	60.42	68.51	76.60
0.9		2.896	2.762	2.651	2.555	2.472	2.399	2.332
		3.796	3.549	3.344	3.171	3.023	2.894	2.780
		4.243	3.967	3.738	3.545	3.380	3.235	3.108
		31.59	40.69	49.79	58.89	67.99	77.09	86.19
1.0		2.999	2.881	2.785	2.686	2.580	2.484	2.407
		3.996	3.728	3.523	3.341	3.185	3.049	2.927
		3.705	3.535	3.382	3.269	3.163	3.069	2.986
		35.11	45.22	55.33	65.44	75.55	85.65	95.77
1.2		3.187	3.040	2.917	2.812	2.721	2.640	2.568
		4.283	4.006	3.804	3.605	3.424	3.255	3.104
		3.837	3.758	3.604	3.474	3.360	3.262	3.172
		35.37	54.30	66.43	78.56	90.69	102.82	114.95
1.4		3.355	2.201	3.071	2.960	2.864	2.779	2.704
		4.509	4.302	4.120	3.943	3.759	3.590	3.436
		4.115	3.954	3.784	3.637	3.508	3.434	3.360
		35.06	58.09	77.54	91.69	105.84	119.99	134.13
1.5		3.433	3.275	3.143	3.029	2.930	2.844	2.759
		4.614	4.402	4.224	4.070	3.888	3.722	3.575
		4.241	4.406	3.882	3.741	3.621	3.513	3.419