

Available Lengths

- Standard lengths- 2 m, 3m and 4m
- A-la-carte lengths - 300mm to 6.2m.

Application

- Steel deck for mezzanine floors
- Tensile steel for composite slab construction that cuts down on slab thickness and dead weight of buildings. No separate formwork required for slab casting.
- Form deck / sacrificial shuttering

Available Thickness

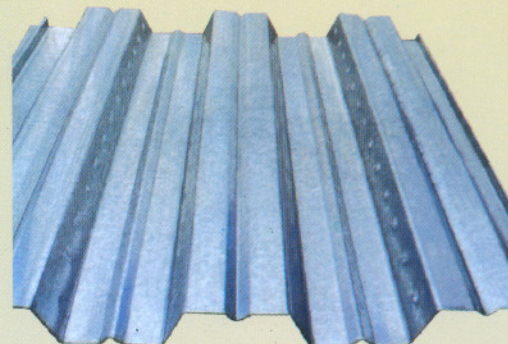
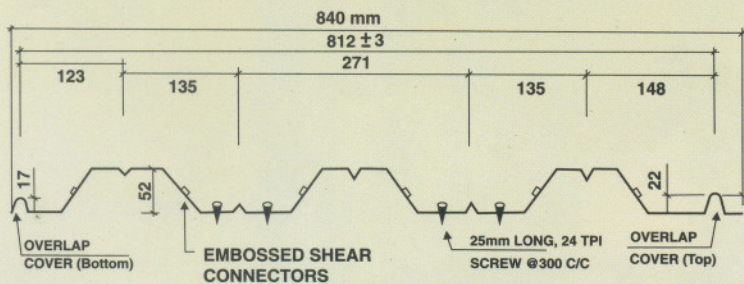
- 0.8 mm, 1.0mm and 1.2 mm.

Available Finish

- CRCA and Galvanised. Pre-painted GI (for special orders only).



DECKSPAN in Delhi Metro



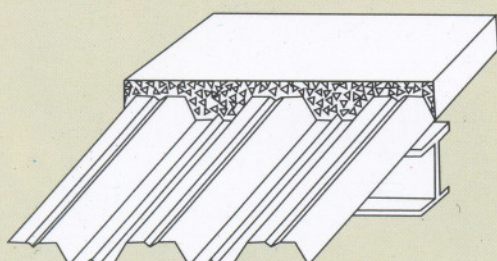
CRIL DECKSPAN™ AS SACRIFICIAL SHUTTERING

ALLOWABLE LOADS IN KG. PER METRE WIDTH OF SHEET (i.e. KG / SQ.M)

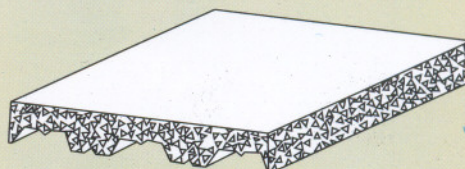
SL.	THICKNESS (in mm)	APPROX. WT PER METER LENGTH OF PROFILE	MODULUS OF SECTION (cm ³)	MATERIAL GRADE (Fy in Mpa)	SPAN IN METERS								
					10.0	1.20	1.40	1.60	1.80	2.00	2.50	2.75	3.00
1.1	0.8	6.91 KG/M	16.79	250	2015	1399	1028	787	622	504	322	266	224
1.2	1.0	8.64 KG/M	22.50	250	2700	1875	1377	1055	833	675	432	357	300
1.3	1.2	10.36 KG/M	27.63	250	3315	2302	1691	1295	1023	829	530	438	368
2.1	0.8		16.16	310	2482	1724	1266	969	766	620	397	328	276
2.2	1.0		21.72	310	3336	2317	1702	1303	1030	834	534	441	371
2.3	1.2		27.47	310	4219	2930	2153	1648	1302	1055	675	558	469

NOTES

1. Deflection considered as $l/250$.
2. Working stress has been considered as $0.6F_y$.
3. All properties are for 1 metre width of profile.
4. Loads are for end spans-for continuous spans load may be increased by 1.25 times.
5. Thickness shown are standard for DECKSPAN, and 0.8 mm is the minimum recommended by all available standards and CRIL considering the nature of use, corrosive elements from concrete etc.
6. GALVALUME® and pre-painted GALVALUME® is not recommended for use in contact with concrete by BIEC International, USA. Reference may be made to the GALVALUME® website in this connection.



METAL DECK AS PERMANENT SHUTTERING



TYPICAL R.C.C SLAB

FOR COMPOSITE SLAB LOAD TABLES CONTACT CRIL MUMBAI SALES OFFICE