


1-1/2" Thick FRP Decking

FRP decking is designed to replace wood or other less versatile surfaces such as steel or aluminum. FRP decking is a strong and non-corrosive surface providing a long-term solution for applications such as walkways, deck systems, roofing and tank covers. The design of our 12" and 24" decking allows for flexible installations in situations where structural inaccuracies exist. Best uses for FRP The design of our 12" and 24" decking allows for flexible installations in situations where structural inaccuracies exist. decking include cooling towers, recreation docks and walkways where the life of the decking really counts.



Applications

- Boat Docks
 - Bridge Decks
 - Filter Media Supports
 - Hatch Covers
 - Paneling
 - Roofing
 - Pools
 - Recreation Areas
 - Replacement for Covered Closed Grating
 - Tank Covers for Odor Control
 - Walkways
 - Does not bow
 - Flexible installation to compensate for structure inaccuracies
 - Prevents tripping hazards
 - Versatile
 - Strong
 - Easy to install
 - Cost effective
 - Does not rust, rot or bow
 - Non-conductive
- Options
- Vented Surface or
 - Anti-skid Surface - necessary when installed as a walking surface

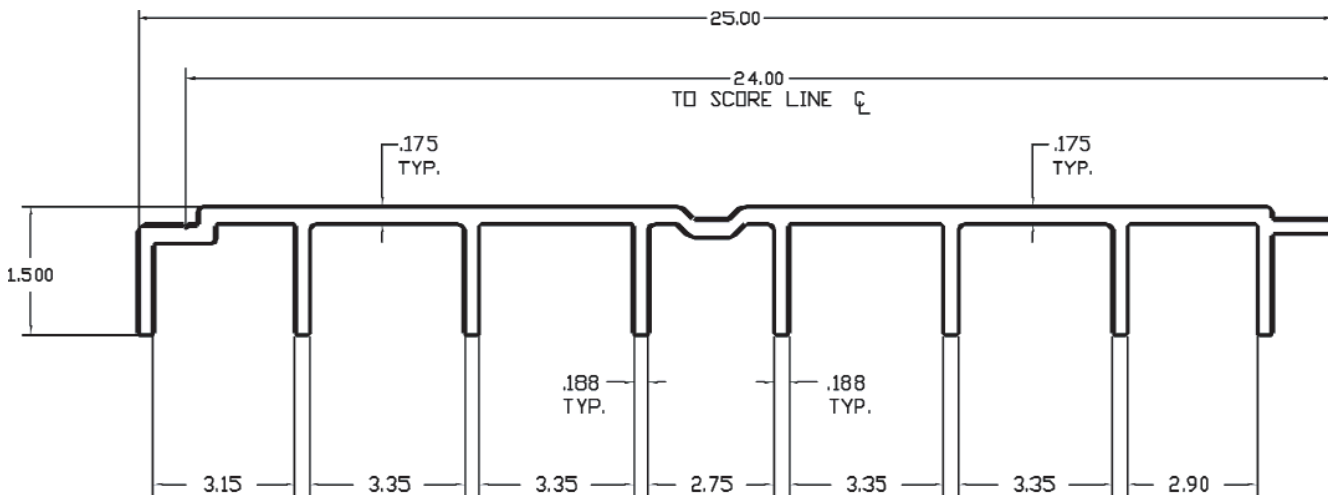
	PROJECT NAME AND LOCATION:		<small>THIS DRAWING IS THE SOLE PROPERTY OF COOLING TOWER DEPOT INC. USE SHALL BE LIMITED TO THE PROJECT FOR WHICH IT IS INTENDED, NO REPRODUCTION SHALL BE MADE NOR SHALL THIS INFORMATION BE MADE AVAILABLE TO THIRD PARTIES WITHOUT THE PRIOR WRITTEN CONSENT BY COOLING TOWER DEPOT INC. ANY AND ALL PROPRIETARY RIGHTS TO THIS INFORMATION AND DESIGN ARE THE SOLE PROPERTY OF COOLING TOWER DEPOT INC.</small>				COOLING TOWER DEPOT, INC CORPORATE CIRCLE GOLDEN, CO 80401 720-746-1234	JOB NUMBER: 0 SCALE: NO SCALE	SHEET: 1 of 1 DRAWING NUMBER: A-100	REV: 0		
	MODEL NO.:											
	DWG NAME:											
	DRAWING NUMBER:	JOB NUMBER:									SHEET	REV:
	SCALE: NO SCALE	COMMENTS:										
REV.		REVISIONS										
DESCRIPTION		DESIGNED BY:	CHECKED BY:	APPROVED BY:	DATE:							
0												
1												
2												
3												
4												

1-1/2" Thick FRP Decking

Load/Deflection Table

Wt.(lbs.) = 4.71
S(in.³) = 0.88
I(in.⁴) = 1.03

Span Feet	Load	20	40	60	80	100	150	200	300
2	U	0.005	0.010	0.015	0.020	0.025	0.038	0.051	0.076
	C	0.002	0.004	0.006	0.007	0.009	0.014	0.019	0.028
2.5	U	0.011	0.023	0.034	0.045	0.057	0.085	0.114	0.171
	C	0.003	0.007	0.010	0.014	0.017	0.026	0.034	0.051
3	U	0.022	0.045	0.067	0.089	0.112	0.168	0.224	0.336
	C	0.006	0.011	0.017	0.023	0.028	0.043	0.057	0.085
3.5	U	0.040	0.080	0.120	0.160	0.200	0.301	0.401	
	C	0.009	0.018	0.027	0.035	0.044	0.066	0.089	0.133
4	U	0.067	0.134	0.201	0.268	0.335	0.502	0.669	
	C	0.013	0.026	0.039	0.052	0.065	0.098	0.130	0.196
4.5	U	0.106	0.211	0.317	0.422	0.528			
	C	0.018	0.037	0.055	0.074	0.092	0.138	0.184	0.276
5	U	0.159	0.318	0.477	0.636				
	C	0.025	0.050	0.075	0.100	0.125	0.188	0.250	0.375
5.5	U	0.231	0.462	0.693					
	C	0.033	0.066	0.099	0.133	0.166	0.249	0.331	0.497
6	U	0.325	0.650						
	C	0.043	0.086	0.129	0.171	0.214	0.321	0.429	0.643



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REVISIONS					
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CORPORATE CIRCLE
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