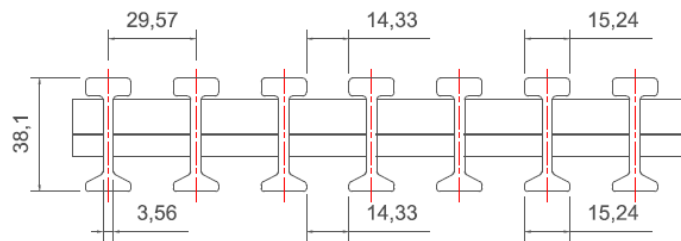




GRATING TYPE	I4815-P
HEIGHT	38mm
OPEN AREA	48%
RESIN TYPE	PHENOLIC
WEIGHT	17.1kg/m²
COLOUR	BROWN
PANEL SIZE	TO SUIT CUSTOMER
SURFACE TYPE	GRITTED
APPROVALS	DNV – ABS - USCG



MECHANICAL PROPERTIES - UNIFORM LOAD								
I4815-P	DEFLECTION IN MM - UDL IN KN/SQ M							
SPAN	2.5	5	10	15	20	25	50	95
300	<1	<1	<1	<1	<1	<1	<1	<1
450	<1	<1	<1	<1	<1	<1	<1	1.27
600	<1	<1	<1	<1	<1	<1	1.79	3.3
750	<1	<1	<1	1.27	1.53	2.03	4.06	7.87
900	<1	<1	1.52	2.29	3.3	4.06	7.87	
1050	<1	1.52	2.79	4.32	5.84	7.11	14.48	
1200	1.27	2.54	4.83	7.37	9.65	12.19	24.13	
1350	2.03	3.81	7.62	11.43	15.24	19.05		
1500	2.79	5.59	11.43	17.02	22.86			
1650	4.06	8.38	16.76	25.17				
1800	4.83	11.94						

MECHANICAL PROPERTIES - CONCENTRATED LOAD								
I4815-P	DEFLECTION IN MM - LOAD IN KN/M							
SPAN	0.73	1.46	2.93	4.39	5.85	7.31	14.63	29.25
300	<1	<1	<1	<1	<1	<1	<1	<1
450	<1	<1	<1	<1	<1	<1	<1	1.52
600	<1	<1	<1	<1	<1	<1	1.27	2.79
750	<1	<1	<1	<1	1.02	1.27	2.54	5.08
900	<1	<1	<1	1.27	1.79	2.03	4.32	8.38
1050	<1	<1	1.02	1.52	2.54	3.3	6.6	13.21
1200	<1	1.02	1.52	2.03	2.79	3.81	9.65	19.3
1350	<1	1.27	2.79	4.06	5.33	6.86	13.46	27.18
1500	1.02	1.79	3.56	5.59	7.37	9.14	18.29	
1650	1.27	2.54	4.83	7.37	9.65	12.19	24.38	
1800	1.52	3.05	6.35	9.4	12.7	15.75		