

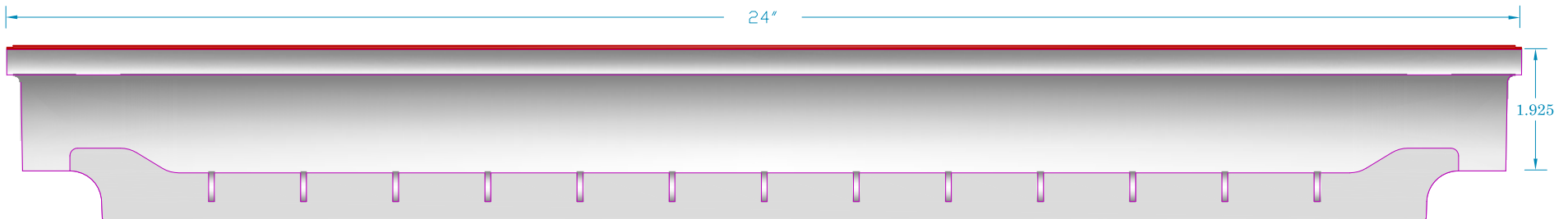
Product Data Sheet

HD 24 Panel Performance Data Sheet				
3.00	Model Number	30 Series Understructure		
3.10		USCS	SI	
3.11	Maximum Rolling Load:			
3.12		Wheel 1: 10 Passes	6000 lbs	26.69 kN
3.13		Wheel 2: 10,000 Passes	3500 lbs	15.57 kN
3.14	Max. Rolling Load Permanent Set, in.	Wheel 1 Start:	0 in	0.00 mm
3.15	(Note 1)	10 Passes	0.018 in	0.44 mm
3.16	Max. Rolling Load Permanent Set,	Wheel 2 Start:	0 in	0.00 mm
3.17	(Note 2)	1,000 Passes	0.002 in	0.05 mm
3.18		5,000 Passes	0.003 in	0.07 mm
3.19		10,000 Passes	0.003 in	0.07 mm
3.20	Design Concentrated Load, 1" X 1" (2.54cm x 2.54cm) Block		3500 lbs	15.57 kN
3.21	Ultimate Concentrated Load,		6463 lbs	28.75 kN
3.22	Design Uniform Load,		875 lbs/ft ²	36.16 kN/m ²
3.23	Ultimate Uniform Load		1000 lbs/ft ²	41.33 kN/m ²
3.24	Maximum Drop Height for Impact, in.: Body 1 (Note 3)		150 lbs	0.67 kN
3.25	Materials of Construction	Cast Aluminum		
3.26	Painted Parts	None		
3.27	Ease of Access to Subfloor	High		
3.28	Ease of Field Cutting and Sawing	Easy		
3.29	Nonmagnetic (Nonferrous)	Yes		
3.30	Fuel Contribution Factor per ASTM E-84-84	0		
3.31	Flame Spread per ASTM E-84-84	0		
3.32	Smoke Density Factor per ASTM E-84-84	0		
3.33	Static Dissipation	Excellent		
3.34	Max. Ohms (DC) Between Uncovered Surface and Bottom of Panel	1		
3.35	Surface to Ground Resistance NFPA 99 Chapter 3	Forbo®	Nevamar® Laminate	Epoxy Paint
3.36		Static Dissipative	1 x 10 ⁶ - 1 x 10 ⁶	1 x 10 ⁶ - 1 x 10 ¹⁰
3.37		Electrically Conductive	5 x 10 ⁴ - 1 x 10 ⁶	2.5 x 10 ⁴ - 1 x 10 ⁶
3.38	Resistance to Oxidization in High Humidity	Excellent		
3.39	Resistance to Acids and Polar Solvents	Fair		
3.40	Resistance to Organic (Nonpolar) Solvents	Excellent		
3.41	Suitable Covering Material	All		
3.42	Weight of Panel	1/16" HPL	37 lbs	16.80 kg
		1/8" HPL	38.5 lbs	17.48 kg
3.43	Overall Dimensions Less Covering Material, L' X W"		24in x 24in	60.96cm x 60.96cm
3.44	Depth at Edge Less Covering Material, in.		1.925 in	48.90 mm
3.45	Warranty	1 Year		
3.46	Approximate Delivery	<3000 Ft ² (300m ²)	12 Weeks	
3.47		>3000 Ft ² (300m ²)	12 Weeks	

Notes	
1	Wheel 1: 6" (15.24cm) dia. x 2" (5.08cm) wide
2	Wheel 2: 6" (15.24cm) dia. x 2" (5.08cm) wide
3	Body 1: 1" (2.54cm) dia. steel indenter
4	Panels and understructure can be custom designed to meet the requirements of any application
5	All values given are for panels less covering material



Top View of HD 24 Panel



CEI PART #: HD 24 Panel with HPL			
DRAWN BY: M C.			
PAPER SIZE = 8.5' x 11" LASER			
SHEET: 1	SCALE: 2.5 = 1	DATE: 14 Dec 2015	Rev: 27 Oct 2017
PATH=C:\Users\Ingo\Desktop\HD 24 Product Drawings.dwg			



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Manufactured in the U.S.A.

PART OR PROJECT DESCRIPTION
HD 24 Panel with HPL