

Product Data Sheet

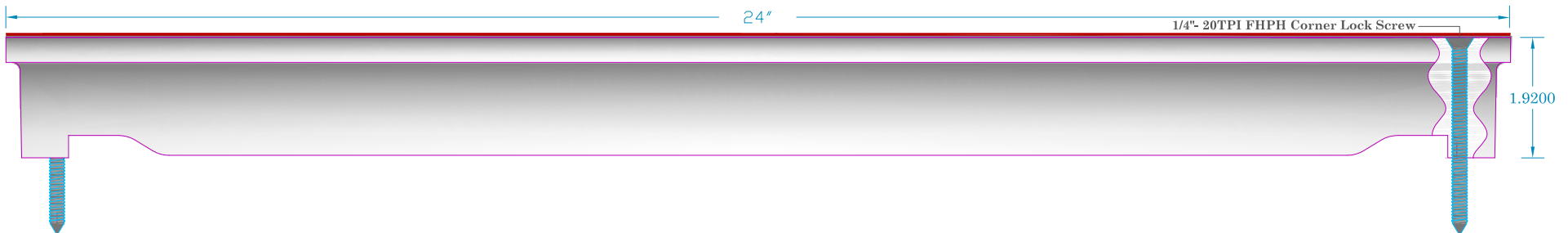
H 24 Panel Performance Data Sheet

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		USCS		SI	
3.00	Understructure Model Number				
3.10		USCS		SI	
3.11	Maximum Rolling Load:				
3.12		Wheel 1: 10 Passes	1270 lbs		5.65 kN
3.13		Wheel 2: 10,000 Passes	1000 lbs		4.45 kN
3.14	Max. Rolling Load Permanent Set, in. (Note 1)	Wheel 1 Start:	0 in		0.00 mm
3.15		10 Passes	0.011 in		0.27 mm
3.16	Max. Rolling Load Permanent Set, (Note 2)	Wheel 2: Start	0 in		0.00 mm
3.17		500 Passes	0.004 in		0.10 mm
3.18		5,000 Passes	0.011 in		0.27 mm
3.19		10,000 Passes	0.015 in		0.37 mm
3.20	Design Concentrated Load, 1" X 1" (2.54cm x 2.54cm) Block		1500 lbs		6.67 kN
3.21	Ultimate Concentrated Load,		3443 lbs		15.32 kN
3.22	Design Uniform Load,		375 lbs/ft ²		15.50 kN/m ²
3.23	Ultimate Uniform Load (Note 6)		500 lbs/ft ²		20.66 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	
		Static Dissipative	1 x 10 ⁶ - 1 x 10 ⁸	1 x 10 ⁶ - 1 x 10 ¹⁰	N/A
		Electrically Conductive	5 x 10 ⁴ - 1 x 10 ⁶	2.5 x 10 ⁴ - 1 x 10 ⁶	1 x 10 ³ - 1 x 10 ⁹
3.36	Resistance to Oxidization in High Humidity	Excellent			
3.37	Resistance to Acids and Polar Solvents	Fair			
3.38	Resistance to Organic (Nonpolar) Solvents	Excellent			
3.39	Suitable Covering Material	All			
3.40	Weight of Panel	.080" Vinyl Tile	24 lbs		10.90 kg
		.125" Vinyl Tile	26 lbs		11.80 kg
3.41	Overall Dimensions Less Covering Material, L" X W"		24in x 24in		60.96cm x 60.96cm
3.42	Depth at Edge Less Covering Material, in.		1.92 in		48.77 mm
3.43	Warranty	1 Year			
3.44	Approximate Delivery	-3000 Ft ² (300m ²)			
3.45		>3000 Ft ² (300m ²)			

Notes	
1	Wheel 1: 3" (7.62cm) dia. x 1.81" (4.59cm) 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 without covering material
6	Test performed using a 30" x 30" pneumatic air bag



Top View of H 24 Cornerlock Panel



CEI PART #: H 24 Cornerlock Panel with Vinyl Tile			
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	H 24 Cornerlock Panel with Vinyl Tile
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