## Product Data Sheet

	HR 24 Pa	nel Performance	Data Sheet 15.3	% Open Area							
3.00	Understructure Model Number		30AAS								
3.10			US	ics	5	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.	Wheel 1 Start:	0	in	0.00	mm					
3.15	(Note 1)	10 Passes	0.011	in	0.27	mm					
3.16	Max. Rolling Load Permanent Set,	Wheel 2: Start	0	in	0.00	mm					
3.17	(Note 2)	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 <sup>2</sup>	15.50	kN/m <sup>2</sup>					
3.23	Ultimate Uniform Load (Note 6)		500	lbs/ft <sup>2</sup>	20.66	kN/m <sup>2</sup>					
3.24	Maximum Drop Height for Impact, in.: Body 1 (Note 3)		150	lbs	0.67	kN					
3.25	Materials of Construction		A383								
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										
3.35	Surface to Ground Resistance NFPA 99 Chapter 3		Forbo®	Nevamar® Laminate	Epoxy Paint						
3.36		Static Dissapative	1 x 10^6 - 1 x 10^8	1 x 10^6 - 1 x 10^10	N/A						
3.37		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						
3.38	Resistance to Oxidization in High Humidity										
3.39	Resistance to Acids and Polar Solvents		Fair								
3.40	Resistance to Organic (Nonpolar) Solvents										
3.41	Suitable Covering Material		All								
3.42	Weight of Panel	1/16" HPL	23	lbs	10.44 kg						
		1/8" HPL	24.5	lbs	11.12 kg						
3.43	Overall Dimensions Less Covering Material, L" XW"		24in	x 24in	60.96cm x 60.96cm						
3.44	Depth at Edge Less Covering Material, in.		1.92	in	48.77 mm						
3.45	Warranty		1 Year								
3.46	Approximate Delivery	<3000 Ft <sup>2</sup> (300m <sup>2</sup> )	12 Weeks								
		>3000 Ft <sup>2</sup> (300m <sup>2</sup> )	12 Weeks								

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	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 indentor
4	Panels and understructure can be custom designed to meet the requierements of any application
5	All values given are for panels without covering material
6	Test performed using a 30" x 30" pneumatic air bag

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24"

Top View of HR 24 Cornerlock Panel

