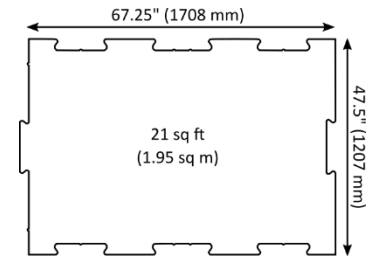


Typical Properties & Specification

Product Number	SP20XL
Material Type	Expanded polypropylene composite containing approximately 30% by volume reprocessed pre-consumer and/or post-consumer recycled material
Part Format	Interlocking panel
Part Size, nominal net coverage	21.0 sq. ft per panel (1.95 sq. m)
Part Thickness, nominal	0.79 in (20 mm)
Part Length, nominal	67.25 in (1708 mm)
Part Width, nominal	47.5 in (1207 mm)
Part Weight, nominal	5.0 lb per panel



Property (Shock Pad Only)	Typical Value	Specification	Test Method
Tensile Strength	72 psi	> 45 psi	ASTM D3574, Test E
Tensile Elongation	20%	> 10%	ASTM D3574, Test E
Compression Strength @ 25% strain @ 50% strain	32 psi 50 psi	> 25 psi > 40 psi	ASTM D3575, Test D
Compression Set 35 psi for 30 minutes – % set after 24 hr	4%	< 7%	Brock Test Method
Coefficient of Linear Thermal Expansion per 1 °C change	0.06 mm/m	< 0.10 mm/m	ASTM D696
Water Absorption After 24 hr immersion	~1%	≤ 1%	DIN 53428
Water Permeability (Vertical Drainage)	> 500 in/hr	> 500 in/hr	ASTM F1551: DIN 18-035, Part 6
Critical Fall Height (HIC = 1000)	0.83 m	> 0.7 m	ASTM F3146, Procedure A
Gmax	94 g	< 120 g	ASTM F355 (Missile A)
Shock Absorption	63% 65%	> 55% > 55%	ASTM F3189 (Adv. Artificial Athlete) EN 14808 (Artificial Athlete)
Vertical Deformation	7.5 mm 3.4 mm	< 8 mm < 4 mm	ASTM F3189 (Adv. Artificial Athlete) EN 14809 (Artificial Athlete)
Resistance to Chemicals	1 / 2	≤ 2	JSP Method based on ASTM F925
Microbiological Analysis bacteria resistance fungi resistance	No growth No growth	No growth No growth	ASTM G22 ASTM G21
Environmental Standards Testing Heavy Metals VOCs SVOCs California Title 22 California Proposition 65	Compliant with EPA human health standards, surface water and groundwater quality Compliant Certified (no listed mat'ls)	Compliant with EPA human health standards, surface water and groundwater quality Compliant Certified (no listed mat'ls)	EPA 6010B, 7470A, 7471A EPA 8260B EPA 8270C CA Code of Regulations, Title 22, Division 4.5, Chapter 11 California Proposition 65

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