

Technical Specifications

Rooftop & Patio Data Sheet

Critical Fall Height and Physical Dimensions				
Thickness	Weight (lbs.) Each (Not less than)		Critical Fall Height (ft.)	
	Softpave Pigmented & Non-Pigmented	Carnival	Softpave Pigmented & Non-Pigmented	Carnival
2-1/2" & 2-1/4" Polyfoam	29	31	10	10
2-1/2" Fully Adhered	25	27	5	5
2-1/2" w/ Quad Blok on Compacted Aggregate Base	25	27	5	5
2-1/2" w/ Quad Blok on Concrete or Asphalt	25	27	4	4

Packaging Information				
Full Pallet Weight (lbs.)				
Thickness	Pieces/Pallet	Softpave Pigmented & Non-Pigmented	Carnival	Pallet Height
2-1/2"	100	2,560	2,760	66"
2-1/4" x 39" x 90" (Polyfoam Sheet)	20	460	460	52"

Physical Testing - Typical Results			
Characteristic	Test Method	Softpave Pigmented & Non-Pigmented Tile	Carnival
Density*	ASTM D297	58 lb./ft ³	80 lb./ft ³
Tensile Strength*	ASTM D412, DIE C	180 lb./in ²	250 lb./in ²
Elongation at Break*	ASTM D412, DIE C	50%	70%
Abrasion Test*	ASTM D3389	Less than 0.200g lost	Less than 0.200g lost
Coefficient of Friction*	ASTM D2047	0.8	0.8
Flammability	ASTM D2859 (Burning Pill Test)	8 of 8 samples passed	8 of 8 samples passed
Wheel Chair Accessibility	ASTM F1951-08	Pass	Pass
Lead Content	US EPA Method 3052:1996	Pass	Pass

*testing on wear layer surface only



* Any application other than children's playgrounds, or rooftop & patio adult pedestrian traffic use will need to be approved by the Ecore Playground Division.

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