

Mats Inc. Technical Data Woodflex™ and Gameflex™

Product Description

General	Multipurpose floor covering meeting the requirements of ASTM F 1303 <i>Standard Specification for Sheet Vinyl Floor Covering With Backing</i> .
Wear layer	Polyurethane reinforced wear layer with aluminum oxide and a permanent anti-microbial treatment.
Backing	Backing and inner layers are closed-cell vinyl foam, reinforced with non-woven fiberglass for dimensional stability.
Roll sizes	6'7" x 49'2"

Technical Specifications

	Test	Requirement	SUPREME	EXTREME
Physical Properties				
Overall thickness			6.7 mm	8.0 mm
Wear layer thickness			1.3 mm	1.3 mm
Weight		In lbs/sq ft	Wood: 0.84; Game: 0.78	Wood: 0.88; Game: 0.86
Safety				
Critical radiant flux	ASTM E648	Class 1: 0.45 w/cm ² or higher	Class 1	_____
Performance				
Shock absorption	EN 14808	Min. 25% to max. 75%	33%	34%
Sliding resistance	EN 13036	80 – 110	105	105
Ball rebound	EN 12235	Min. 90%	99%	99%
Color fastness	ISO 105B-02	1 = drastic change; 6 = no change	6	6
Rolling load	EN 1569	1,500 N	1,500 N	1,500 N
Durability				
Resistance to wear	EN ISO 5470	< 1,000 milligrams / 1,000 cycles	< 250 mg	< 250 mg
Vertical deformation	EN 14809	Max. 5 mm	0.9 mm	1.2 mm
Chemical resistance	ASTM F925	Best = no change	No change	No change
Dimensional stability	EN 434	Max. 0.2%	0.2%	0.2%
Resistance to indentation	EN 1516	Max. 0.5 mm	0.19 mm	0.46 mm
Static load limit	ASTM F970	min. 175 psi	200 psi	200 psi
LEED				
MR Credit 4	LEED-NC v. 3	For 1 -2 points: \$ value of <u>all</u> materials = min. average 10% recycled content	Gameflex: 4.7% (pre-consumer); Woodflex: 4.4% (pre-consumer)	4.3% (pre-consumer)
IEQ Credit 4.1	LEED-NC v. 3	For 1 point: low-emitting adhesive with a VOC of 70 g/L or less for multipurpose adhesive	Perma-Bond VOC: 3 g/L	