



Spec | Exceed Premier

DESCRIPTION

MATERIALS: Prefabricated sport surface vulcanized in two layers construction consists of EPDM, natural rubber, mineral fillers, stabilizing agents, color pigments, none permeable, textured wear resistant surface layer and shock absorbing layer bonded by vulcanization.

ATTRIBUTES: This vulcanized, two-layer sport surface features a wear-resistant EPDM and rubber top layer with a textured finish and UV protection, plus a shock-absorbing bottom layer for impact reduction. It's designed for durability and safety in weight rooms and cardio spaces.

APPLICATIONS

Exceed Premier's performance characteristics are highlighted in free weight areas, selectorized zones, cardio decks and multipurpose athletic spaces, including functional training and recovery zones.

PHYSICAL CHARACTERISTICS

COLOR:	Black/White, Charcoal, Stone
THICKNESS:	9mm
FINISH:	Textured surface with color flecks
ROLL WIDTH:	3'3.4" to 4'1.2"
ROLL LENGTH:	19'8" to 49'2.6"
TILE:	3'3.4" by 3'3.4"

WARRANTY

PLAE warrants that Exceed Premier, when installed using its recommended procedures and adhesives, shall be free of manufacturing defects under normal use for a period of 1 year from the date of its original manufacturing. Please refer to Exceed Premier's warranty for full details.

TECHNICAL CHARACTERISTICS

PERFORMANCE	TEST METHODS	REQUIREMENTS	9MM
Elongation at break	ASTM D412	≥100%	>220%
Tensile Strength	ASTM D412	≥75psi	>350 psi
Hardness of upper layer	ASTM D2240	**	68±3
Hardness of bottom layer	ASTM D2240	**	66±3
Abrasion resistance (H18,1KG,1000cycles)	ASTM D3389	≤2.0g	<0.8g
Friction	ASTM E303	>80	>105
Critical Radiant Flux	ASTM E648	>0.1w/cm²	>0.45 Class1
Fungi resistance	ASTM G21-15	Under Level1	Level 0
Resistance of Chemicals	ASTM F925	≤Slight Change	No Change
TVOC	ASTM D5116	0.19mg/m²hr	0.031
Formaldehyde	ASTM D5116	0.08mg/m²hr	ND
Resistance of Indentation	EN 1516	≤0.5mm	<0.3mm
Resistance to impact	EN 1517	No Cracking	No Damage
Rolling Load resistance	EN 1569	No Deterioration	Compliant
Color Heat stability	ASTM F1514	≤8.0ΔE	Compliant
Color Light stability	ASTM F1515	≤8.0ΔE	Compliant
GREENGUARD Certification	GREENGUARD	Compliant	Compliant
GREENGUARD Gold	GREENGUARD	Compliant	Compliant
REACH SVHC items	REACH	Compliant	Compliant



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Results obtained from manufacturing controls can vary between production lots and don't constitute representations or warranties as to any particular product lot.

PLAE keeps the right to modify the characteristics of the products anytime.

ADHESIVE

Adhesive: Two component polyurethane glue.

*Please contact PLAE for product recommendations.

DELIVERY AND STORAGE

1. The general contractor shall provide a secure, clean and dry storage location, which is protected from exposure to harmful weather conditions at 65 to 104 degrees F (18 to 40 degrees)
2. Store sports flooring rolls in original wrappings, and label intact until time of installation.
3. Keep the rolls are well positioned in an upright position with pallet, and don't stack anything on top includes stack rolls on top of each other.

REFERENCES

Association(s)

ASTM International (ASTM)

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ASTM D412: Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension.

ASTM D2240: Standard Test Method for Rubber Property (Durometer Hardness).

ASTM D3389: Standard Test Method for Coated Fabrics Abrasion Resistance (Rotary Platform Abrader).

ASTM F925: Standard Test Method for Resistance to Chemicals of Resilient Flooring.

ASTM F1514: Standard Test method for Measuring Heat Stability of Resilient Flooring by Color Change.

ASTM F1515: Standard Test Method for Measuring Light Stability of Resilient Flooring by Color Change.

ASTM E303: Standard Test Method for Measuring Surface Frictional Properties

ASTM E648: Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.

ASTM E989: Standard Classification for Determination of Single-Number Metrics for Impact Noise

ASTM D5116: Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Materials/Products

European Committee for Standardization (EN)

EN 13036-4: Road and airfield surface characteristics. Test methods -the pendulum test for friction.

EN 14808: Surfaces for sports areas. Determination of shock absorption.

EN 14809: Surfaces for sports areas. Determination of vertical deformation.

EN 12235: Surfaces for sports areas Determination of vertical ball behavior

EN 1517: Surfaces for sports areas. Determination of Resistance to impact.

EN 1516: Surfaces for sports areas. Determination of Resistance to indentation.

EN 1569: Surfaces for sports areas. Determination of Resistance to a rolling load.

GREENGUARD Environmental Institute (GEI)

GREENGUARD Certification: Compliant with stringent emission levels for over 360 VOCs, plus a limit on the total of all chemical emissions combined (TVOC).

GREENGUARD Gold Certification: Compliant with safety factors to account for sensitive individuals (such as children and the elderly) and ensure that a product is acceptable for use in environments such as schools and healthcare facilities.



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REACH

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing European Chemicals Agency.

SVHC

Candidate List of substances of very high concern for Authorization (published in accordance with Article 59(10) of the REACH Regulation)