RECYCLED ROLLED RUBBER · DUAL LAYER

STRENGTH SIGNATURE

Rich Design With More Rigidity

SIGNATURE LIFT LAYER HEAVY

A proprietary binder system bonds rubber granules more effectively than standard formulations, delivering:

- 2.3x the tensile strength
- Superior resistance to tearing and delamination
- Lower sweat absorption and reduced odor retention



SPECIFICATIONS

Thicknesses	16mm (10+6), 18mm (10+8)
Width	4ft
Length	25ft, 50ft & Custom Length
Color %	0, 10, 20, 50, 90
Colors	16mm (26), 18mm (26)
Warranty	5 Years

APPLICATIONS

- Olympic Lifting
- Heavy Free Weights
- Dropped-Load Zones

CONSTRUCTION

- Color top layer
- Black base layer

508-816-2604 sales@spsurfacing.com

STRENGTH SIGNATURE DUAL LAYER SPECS

SPECIFICATION	TEST METHOD	TYPICAL VALUE
Durometer, Shore A, points of hardness	ASTM D2240-97	60
Density, lbs/ft³	ASTM D297-93	64
Compressibility @ 100 psi, %	ASTM F36-95	12
Recovery, % after 100 psi compression	ASTM F36-95	85
Flexibility	ASTM F137-71 (1994)	F=1
Tensile, psi	ASTM D412-98a	
With grain		600
Against grain		450
Tear, ppi	ASTM D624-98	
With grain		150
Against grain		120
Compression Set, %, 22 hours at 158 deg F	ASTM D395-98	
25% deflection		40%
50% deflection		30%
Coefficient of Friction	ASTM D1894-95	
Dry		1.33
Wet		1.56
Critical Radiant Flux	ASTM E 648-99	0.1 W/cm²
Flammability and Flame Speed	DOC FFI-70 CSPC	Pass
Indoor Abrasion, % of Material Loss	ASTM C501-84 (1996)	0.24
Resistance to Chemical Attack	ASTM F925-97	
Ammonia		No surface attack or color
Bleach		No surface attack or color
Disinfectant		No surface attack or color
Alcohol		No surface attack or color
Tide		No surface attack or color
5% NaOH Solutions		No surface attack or color
Human Sweat		No surface attack or color
Instrumented Impact, absorbed energy at rupture, ft/lbs	ASTM D3763-00	20
Static Load Limit, residual compression	ASTM F970-98	.0016"
Rubber in Compression, % deflection	ASTM D575-91 500lb	43
Compression Endurance	10,000 fatigue cycles at 50%	5% set

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STRENGTH SIGNATURE DUAL LAYER

COLORS · 16MM & 18MM

STANDARD COLORS



Black
0%



Tan
10%, 20%



Purple
10%, 20%



Terra Cotta
10%, 20%



Gold
10%, 20%



Green
10%, 20%



Brown
10%, 20%



Orange
10%, 20%



Yellow
10%, 20%



Teal
10%, 20%



Eggshell
10%, 20%



Lipstick Red
10%, 20%



Lipstick Red & Gray
10%, 20%



Gold & Eggshell
10%, 20%



Blue & Gray
10%, 20%



Blue & Tan
10%, 20%



Blue
10%, 20%



Gray
10%, 20%

50% & 90% BLENDS



Brown & Tan
50%



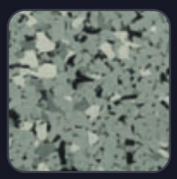
Gray & Eggshell
50%



Blue & Gray
50%



Ocean View
90%



Stone Quarry
90%



Tidal Wave
90%



Glacial Falls
90%

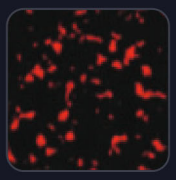


Wheat Fields
90%

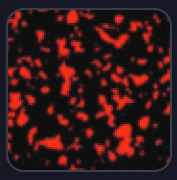


Green Meadows
90%

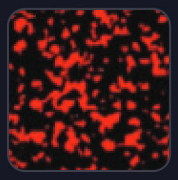
CUSTOM COLOR CONCENTRATION OPTIONS



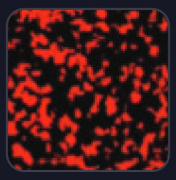
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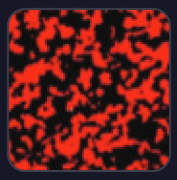
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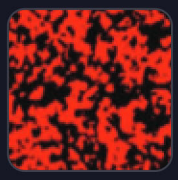
40%



50%



60%



70%

SPORT PRO SURFACING

CONTACT US

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