

REACTION/PROXL ELITE TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

North West Rubber's ReAction/ProXL Elite System is a high-performance vulcanized rubber topped flooring system engineered to support intense weightlifting and training activities within high-traffic environments. The Elite system is made up of three rubber layers that provide resistance against cuts and dents, dissipate shock and stress, and provide energy return. Elite's top layer features a non-porous surface engineered to repel sweat and other liquids, minimizing bacteria build-up, reducing odor and facilitating easier maintenance. The top layer can be customized with a guaranteed Pantone color match (+/- 1 Pantone shade). The ReAction/ProXL Elite System top layer is FloorScore® certified and qualifies for LEED credits.

TECHNICAL SPECIFICATIONS

REACTION / PROXL ELITE TOP LAYER		
Hardness Shore A	ASTM D2240	80 ±5
Co-efficient of Friction	ASTM D2047	>0.8 Dry
Compression Set	ASTM D395	0.0993
Static Coefficient of Friction	ASTM C-1028	>1.0 Wet/Dry
Critical Radiant Flux	ASTM E648-03, NFPA253	Class I > .45 watts/cm2
Static Load Limit	ASTM F970-00	<0.005 in @ 250 PSI
Resistance to Heat	ASTM F-1514	Avg. 1.92 Passes
Tear Resistance	ASTM D-624	120.8 lbs / in
Moisture Absorption	ASTM D570	0.0037
Resistance to Chemicals	ASTM F-925	Good
Wear Layer Thickness	ASTM F-410	>0.050 Passes
Abrasion Resistance	ASTM D-3389	< 0.15 gram Passes
Tensile Strength	ASTM D412	Top 1596.4 PSI Bottom 380.4 PSI
Elongation at Break	ASTM D412	Top 334.3 / Bot 139.6
Dimensional Stability	ASTM F-2199	Avg. 0.08 Passes
Thickness	ASTM F-3868	Avg. .002 Passes
Size	ASTM F-2055	Avg. .002 Passes
Squareness	ASTM F-2055	Avg. .003 Passes
Quality of Cut	ASTM F-511	Avg. .002 Passes
VOC Compliance	CA 01350	Yes
Color Stability	-	Good
Light Reflection	-	Average
Contributes to LEED Points	-	Yes
Anti-microbial/Anti-fungal Properties ASTM G21-90	-	Yes

BASE LAYER: 100% RECYCLED POLYURETHANE RUBBER ROLL		
Thickness	-	8mm – 18mm (± 1/64 in)
Density	ASTM D-792	48-52lbs/Cubic FT
Tensile (Machine Direction)	ASTM D-412	125 PSI
Elongation at Break	ASTM D412	85-125%
Tear	ASTM D-624	30 PPI DIE C
Coefficient of Friction	ASTM D 1894-95	0.965

SIZE & COLORS

Triple-Layer Vulcanized Rubber System

Top Wear Layer:
Colored Virgin Rubber

Mid Layer:
55% Recycled Rubber

Base Layer:
Recycled Polyurethane Rubber



ATHLETIC FACILITIES

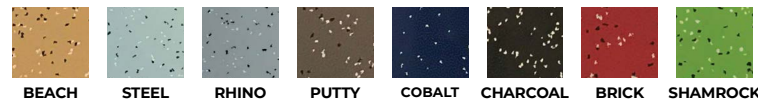
ICE RINKS

OVERALL SYSTEM THICKNESS	TOP LAYER THICKNESS (Multi-Layer Vulcanized Rubber Flooring Roll 1.22m Wide)	BASE LAYER THICKNESS (100% Recycled Polyurethane Rubber Roll)
11.5mm	3.5mm	8mm
18mm	6mm	12mm
24mm	6mm	18mm

ProXL Elite



ReAction Elite



Vulcanized Durability

Unlimited Customization

Triple-Layer System

Unmatched Tensile Strength

VOC Compliant

Total estimated lifetime cost of 1,000 square feet of flooring installed & maintained over 15 years.

