

Mondo VALOR Strength Systems (18 mm)

Product Description

Resilient rubber athletic flooring system (18 mm) for indoor fitness. Prefabricated rubber performance layer (6 mm) consisting of high quality natural and synthetic rubbers with a nonporous dual durometer construction, calendared and vulcanized for durability and performance, factory adhered to a prefabricated rubber shock absorbing underlayment (12 mm). Embossed slip resistant surface, available in both standard and custom (*minimum quantity required*) solid colors (Mondo Valor) and solid color with fleck (Mondo Valor S) with a dual tone effect resulting from its embossing. 6 mm Rolls can be combined on site with Powermat EX or Baselast EX* for a strength system installation.

System Thickness (ASTM F386)	0.709" (±0.015") 18 mm (±0.4 mm)	System Weight	~3.5 lb/ft ² ~17.6 kg/m ²	Rubber Tile	4' x 2' 122 cm x 61 cm
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Product Performance

Standards	Specifics	Requirements**	Results***
ASTM D412	Elongation at Break	-	≥70%
ASTM D412	Tensile Strength	-	≥175 psi
ASTM D2047	Static Coefficient of Friction	Dry, Neolite	≥0.50
ASTM D2240	Durometer Hardness	Shore A	80 ± 5
ASTM D3389	Abrasion Resistance	H18 Wheel/1000 g/1000 Cycles	<1.0 g loss
ASTM E492	Impact Sound Transmission	-	61 dB (IIC)
ASTM E2179	Impact Sound Transmission Reduction	-	24 dB (ΔIIC)
ASTM E648	Critical Radiant Flux	-	≥0.22 W/cm ² (Class 2)
ASTM F925	Chemical Resistance	-	≤Slight Change
ASTM F1514	Color Resistance to Heat	-	≤8.0 ΔE
ASTM F1515	Color Resistance to Light	-	≤8.0 ΔE
ASTM F2772	Athletic Performance-Ball Rebound	-	≥90%
ASTM F2772	Athletic Performance-Force Reduction	-	≥22% (Class 2)
ASTM F2772	Athletic Performance-Surface Finish Effect	-	80-110 BPV
ASTM F2772	Athletic Performance-Vertical Deformation	Point Elastic	<3.5 mm

*Product tested with Powermat EX testing results will vary with Baselast EX

**Manufactured product is only required to meet the minimum listed requirement in the Requirements column.

***Reported result listed in the Results column from manufacturing controls and/or third-party testing can vary between production lots, laboratories, methods and/or equipment, and as such do not constitute representations or warranties as to any particular production lot. Mondo reserves the right to modify product design and/or specifications at any time without notice.

****For the complete list of chemicals tested, concentrations and contact time, please communicate with Mondo's Technical Department.

Health and Environmental Attributes

The top rubber flooring component of this system contains ≈5% (by weight) pre-consumer recycled content, as well as ≈40% (by weight) post consumer recycled content.

Warranty

10-Year Standard Limited Warranty. Refer to current copy of MONDO's Standard Limited Material Warranty for all terms and conditions. Warranty information is available for download at www.mondoworldwide.com or through our Technical Department at sports.technical@mondousa.com.