



Brock International
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Performance Base 15 mm – Brock Product Number SP15

TEST/DESCRIPTION	TYPICAL VALUES
EN12616 – Vertical drainage	Greater than 50"/hour/square foot
FIFA – European performance standard for Soccer on Synthetic Turf	One Star qualified
ASTM F1551 – Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials	Coefficient of Friction -- .07
ISO 8295 – Carpet Friction (European test method)	(avg) – 6.00 N
ISA – Dimensional Stability (European test Method) (< 5 x 10 ⁻⁴ limit)	2.4 x10 ⁻⁴ (pass)
ASTM F-355 (modified) – G-max test method for infill turf (200 limit) – multiple impact study simulating long term use	G-max (avg) - 94
ASTM 3575 – Tensile Strength:	50 PSI
Multiple Impact Test under infilled turf, 95 psi @ 10,000 repeated compression cycles, residual compression set 24 hr post-load	< 13.8 %
Vanderbuilt Laboratories (American Chemical Society) – 15 year freeze/thaw accelerated aging (compression and tensile testing)	0% compression loss 3% tensile loss
ASTM G-22-76 – Resistance of Plastics to Bacteria Growth	Pass/ No Growth
ASTM G-22-76, ASTM G21-96 – Resistance of Plastics to Fungus Growth	Pass/ No Growth
ASTM C-518 – Thermal Resistance (R- Value)	3.75 per inch (dry) 3.11 per inch (wet)
ISO 8301:1991; EN12664:2001; EN12667:2001 Thermal conductivity (insulation equivalent)	Brock = 12.67" stone Brock = 9.05" sand
Warranty	10 years

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