

PROVA BOARD[®]

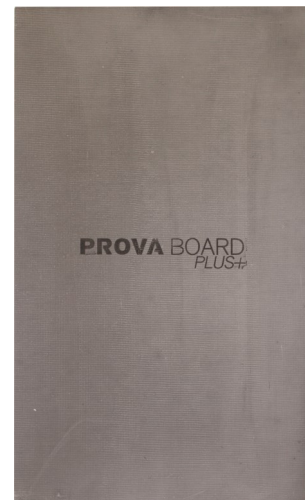
PLUS+



PROVA BOARD[®] PLUS is a durable, lightweight panel made of high-density extruded polystyrene core (XPS) that is reinforced on both sides with fiberglass mesh and protected with cement coating. The 100% waterproof XPS core is mold and mildew resistant while also being resistant to vapor pressure. PROVA BOARD[®] PLUS panels are attached directly to the framing studs and provide an ideal bonding surface for tile and stone installations in wet areas where a waterproof substrate is required.

Dimensions, Part Numbers, Weights, and Pack Sizes

• 3' x 5' x 1/2" (PVBP36X60X05)/(Bulk: PVBP36X60X05B)	0.66 lb./ft. ² (3.2 kg/m ²)	5 pieces/76 pieces
• 4' x 8' x 1/2" (PVBP48X96X05)/(Bulk: PVBP48X96X05B)	0.66 lb./ft. ² (3.2 kg/m ²)	5 pieces/76 pieces
• 2' x 8' x 2" (PVBP24X96X20)	0.92 lb./ft. ² (4.5 kg/m ²)	5 pieces
• 3' x 5' x 1/4" (PVBP36X60X25)	0.55 lb./ft. ² (2.7 kg/m ²)	10 pieces
• 2' x 4' x 1/8" (PVBP24X48X12)	0.59 lb./ft. ² (2.9 kg/m ²)	10 pieces
• 4' x 8' x 5/8" (PVBP48X96X58B)	0.72 lb./ft. ² (3.5 kg/m ²)	40 pieces



IAPMO Listing in Progress

Technical Tests

Property/Test	Test Method/Results
Mold Growth and Waterproofing	1. ANSI A118.10 for Fungus and Micro-Organism Resistance 2. IAPMO PS 106 Load and Water Spray Test 3. Hydrostatic Pressure Test
Surface Burning Characteristics	ASTM E84-19b: Class A
Tensile Strength	>33 psi
Shear Strength	>50 psi (7-day shear and 7-day water immersion shear strength)
Thermal Conductivity (core)	0.034 Watt/mK (1" XPS R-value: 4.3 [*])
Water Vapor Permeability	0.028 ng/Pa.m.s
Flexural Strength	>212 psi
Linear Expansion	0.023%
Compressive Strength	>36 psi
Impact Load	1. IAPMO PS 106 Point Impact Load Testing 2. IAPMO PS 106 Area Impact Load Test for Shower Wall Surrounds
Impact Sound Transmission Test	>ΔIIC 10 (passes ASTM E2179 within ANSI A118.13)
Freeze-Thaw Resistance	ASTM C666: Completes nearly 200 cycles with no change to cracking, spalling, delamination, crazing, or color shift

^{*}R-value calculated according to industry standards

Additional Technical Characteristics

Density of Core: > 2 lb./ft. ³	Core Material: XPS foam
Water Absorption of Core: 0 capillary	Exterior Material: fiberglass mesh, cement coating
Working Temperature: -45°C to 60°C	Ozone Depleting Substances: Zero

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