

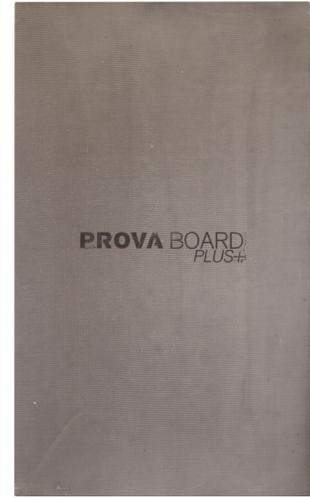
PROVA BOARD[®] PLUS+



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/m²) 5 pieces/76 pieces
- 4' x 8' x 1/2" (PVBP48X96X05)/(Bulk: PVBP48X96X05B) 0.66 lb./ft.² (3.2 kg/m²) 5 pieces/76 pieces
- 2' x 8' x 2" (PVBP24X96X20) 0.92 lb./ft.² (4.5 kg/m²) 5 pieces
- 3' x 5' x 1/4" (PVBP36X60X25) 0.55 lb./ft.² (2.7 kg/m²) 10 pieces
- 2' x 4' x 1/8" (PVBP24X48X12) 0.59 lb./ft.² (2.9 kg/m²) 10 pieces
- 4' x 8' x 5/8" (PVBP48X96X58B) 0.72 lb./ft.² (3.5 kg/m²) 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