

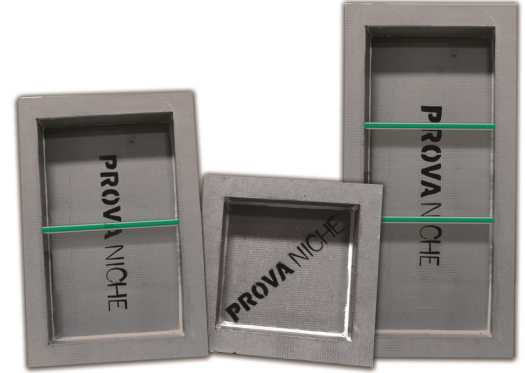


# PROVA NICHE®

PROVA NICHE® is a pre-fabricated niche made of PROVA BOARD® PLUS, backer board with a high-density extruded polystyrene core that is reinforced on both sides with fiberglass mesh and protected with a cement coating. The 100% waterproof XPS core is mold and mildew resistant while also being resistant to vapor pressure.

## Dimensions, Part Numbers, and Weights

- Outer dimensions: 16" x 16" x 1/2" (TT8800NCH16) 2.54 lb. (1.15 kg)  
Inner dimensions: 12" x 12" x 1/2"
- Outer dimensions: 24" x 16" x 1/2" (TT8801NCH24) 2.68 lb. (1.22 kg)  
Inner dimensions: 20" x 12" x 1/2"
- Outer dimensions: 33" x 16" x 1/2" (TT8800NCH33) 4.02 lb. (1.82 kg)  
Inner dimensions: 29" x 12" x 1/2"
- 12" x 3-3/8" x 7/16" (TT8810GLASS12) 1.42 lb. (0.64 kg)



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
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

**Density of Core:** 2.2 lb./ft<sup>3</sup> (36 kg/m<sup>3</sup>)

**Water Absorption of Core:** 0 capillary

**Working Temperature:** -45°C to 60°C

**Core Material:** XPS foam

**Exterior Material:** fiberglass mesh, cement coating, glass