

DESCRIPTION

Compotite Cement foam backer board is polystyrene (XPS) core between two fiberglass mesh layers coated in a cement coating. The polystyrene core is 100% waterproof and resistant to any mold or mildew. The construction method is also resistant to vapor pressure and great heat insulator. Compotite cement foam board easily installs directly to any framed wall and allows for excellent bonding for tile or stone installation when a waterproof substrate is required. This backer board is lightweight and is extremely easy for any installer to use.



TECHNICAL SPECIFICATIONS

PROPERTY/TEST	TEST METHOD/RESULTS
Water Vapor Permeability	0.028 ng/Pa.m.s
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
Freeze-Thaw Resistance	ASTM C666: Completes nearly 200 cycles with no change to cracking, spalling, delamination, crazing, or color shift
Thermal Conductivity (core)	0.034 Watt/mK (1" XPS R-value: 4.3*)
Tensile Strength	>33 psi
Shear Strength	>50 psi (7-day shear and 7-day water immersion shear strength)
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	IIC 10 (passes ASTM E2179 within ANSI A118.13)
Surface Burning Characteristics	ASTM E84-19b: Class A

ADDITIONAL TECHNICAL DATA

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

SIZES, PART NUMBER, AND PACKAGE QTY'S

- ◆ **3' x 5' x 1/2"**
CCFB-3x5-12 (5 pieces)
- ◆ **4' x 8' x 1/2"**
CCFB-4x8-12 (5 pieces)

COMING SOON!

- ◆ 2' x 8' x 2"
- ◆ 2' x 4' x 1/8"
- ◆ 3' x 5' x 1/4"
- ◆ 4' x 8' x 5/8"

STORAGE

Boards should be stored flat irrespective of their thickness. They must be protected against direct sunlight and moisture.