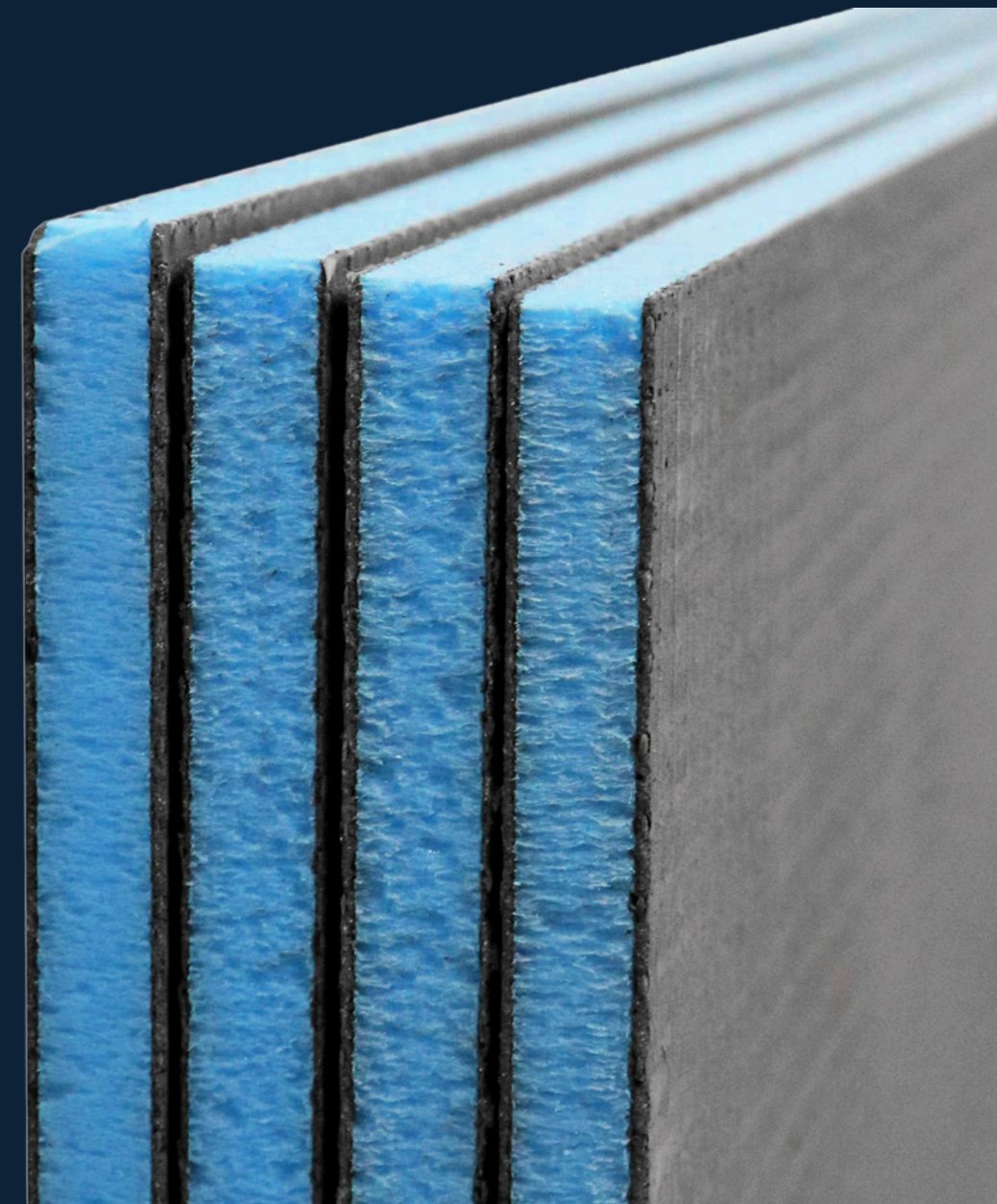


INSUTILE®

Lightweight Construction Boards

BUILD BOARD

High-performance XPS tile backer board for wet and dry environments



(+2) 02 23228200



www.insutile.com



Product Overview

INSUTILE® Build Board is a high-performance extruded polystyrene (XPS) tile backer board engineered for use in both wet and dry environments. Its rigid XPS core is coated on both sides with a proprietary cementitious mortar, creating a product that outperforms traditional cement boards in almost every metric.

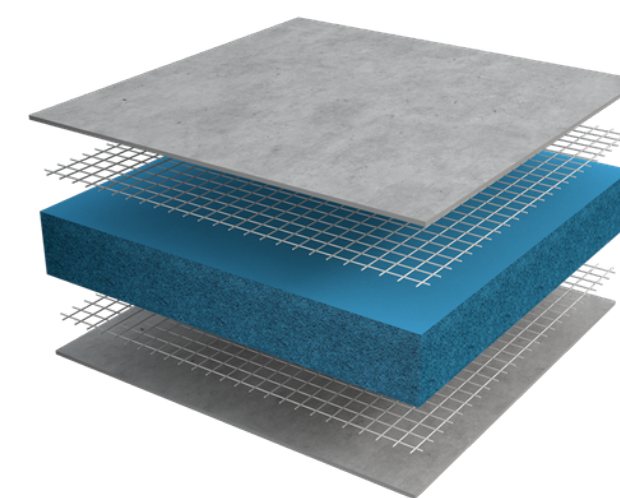
The reinforced cementitious surface bonds reliably with all standard tile adhesives, making **INSUTILE®** the ideal substrate for ceramic, porcelain, and natural stone tile installations — in residential bathrooms, kitchens, commercial hotel bathrooms, spa facilities, and everything in between.

Board Construction

XPS Core: Closed-cell, rigid, inherently waterproof. Superior moisture resistance.

Fiberglass Mesh: Alkali-resistant reinforcement on both faces for crack resistance.

Cementitious Mortar: Polymer-modified coating for superior tile bond. No priming needed.



Available Sizes

Description	Thickness (mm)	Width (mm)	Length (mm)
Insutile® Small	4 / 6 / 10 / 12.5 / 20 / 30 / 40 / 50 / 60	600	1200
Insutile® Large	10 / 12.5 / 20 / 30 / 40 / 50 / 60	600	2400

Key Features & Benefits



Waterproof

Closed-cell XPS absorbs virtually zero moisture. No swelling, delamination, or mould.



High Mechanical Strength

Compressive strength up to 300 kPa. Handles heavy tiles and high-traffic floors.



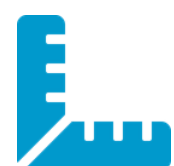
Excellent Tile Adhesion

Factory-applied cementitious coating bonds with all standard adhesives. No priming.



Thermal Insulation

Thermal conductivity of just 0.034 W/mK. Reduces heat loss through substrates.



Dimensional Stability

XPS doesn't expand, warp, or shrink. Tiled surfaces stay flat year-round.



Lightweight

Up to 85% lighter than cement boards. One person can carry and position panels.



Easy to Cut

Score and snap with a utility knife. No power tools or dust.



Underfloor Heating

Compatible with electric mat and water-pipe systems. Improves heating response.

Applications



Bathrooms & Showers

Walls, shower surrounds, and steam rooms.



Laundry Rooms

Withstands humidity from washing machines.



Floors & Walls

Versatile for vertical and horizontal substrates.



Kitchens

Backsplashes and walls, residential and commercial.



Spa & Wellness

High moisture, temperature, and humidity environments.



Countertops

Lightweight substrate for kitchen and bath countertops.

INSUTILE®

Lightweight Construction Boards

www.insutile.com

info@insutech-eg.com
(+2) 02 23228200

A product by INSUTECH