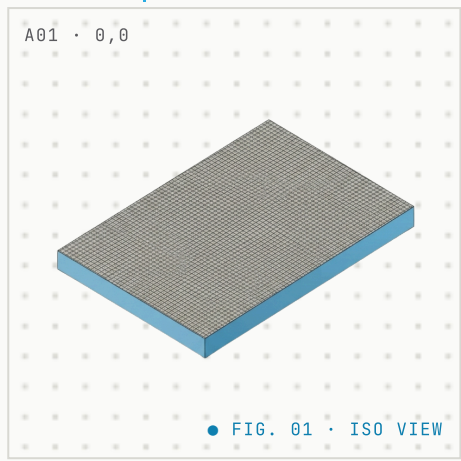


• TILE BACKER BOARDS · XPS + CEMENTITIOUS · § 01
PRODUCT OVERVIEW

BUILD BOARD.

- WATERPROOF
- THERMAL INSULATION
- XPS CORE · 30 KG/M³
- FACTORY-COATED



§ 01 · DESCRIPTION

INSUTILE® Build Board is a high-performance extruded polystyrene (XPS) tile backer board for wet and dry areas. A rigid XPS core is reinforced with fibreglass mesh and coated both sides with a specially formulated cementitious mortar — delivering mechanical strength, waterproofing and thermal insulation in a single substrate.

The reinforced surface bonds reliably with all standard tile adhesives, making Build Board an ideal substrate for ceramic, porcelain and natural-stone tile installations across residential and commercial projects.

§ 02 · KEY FEATURES

<p>• 01</p> <p>Waterproofing</p>	<p>• 02</p> <p>High Mechanical Strength</p>	<p>• 03</p> <p>Excellent Tile Adhesion</p>	<p>• 04</p> <p>Dimensional Stability</p>	<p>• 05</p> <p>Thermal Insulation</p>
<p>• 06</p> <p>Lightweight · Easy Handling</p>	<p>• 07</p> <p>Easy to Cut & Install</p>	<p>• 08</p> <p>Mould & Mildew Resistant</p>	<p>• 09</p> <p>Underfloor-Heating Ready</p>	<p>• 10</p> <p>Versatile Applications</p>

§ 03 · APPLICATIONS

- Bathrooms & Showers
- Wet Rooms & Steam Rooms
- Kitchens
- Floors & Walls
- Underfloor Heating Systems
- Countertops & Worktops
- Tiled Furniture & Features
- Renovation & Retrofit
- Commercial & Residential



• § 04 · DIMENSIONS MATRIX

Available sizes.

Two standard ranges — Insutile Small (1200 mm length) and Insutile Large (2400 mm length) — in a full thickness matrix. All boards are 600 mm wide. Custom dimensions available to order.

Insutile Small			1200 MM
THICKNESS (MM)	WIDTH (MM)	LENGTH (MM)	
4	600	1200	
6	600	1200	
10	600	1200	
12.5	600	1200	
20	600	1200	
30	600	1200	
40	600	1200	
50	600	1200	
60	600	1200	
ALL VALUES IN MM			

Insutile Large			2400 MM
THICKNESS (MM)	WIDTH (MM)	LENGTH (MM)	
10	600	2400	
12.5	600	2400	
20	600	2400	
30	600	2400	
40	600	2400	
50	600	2400	
60	600	2400	
ALL VALUES IN MM			

• § 05 · TECHNICAL SPECIFICATIONS

INSUTILE® reserves the right to modify specifications at any time without prior notice.

PROPERTY	VALUE	STANDARD / NOTE
CORE MATERIAL	Extruded polystyrene (XPS)	Closed-cell, high-density
SURFACE FINISH	Cementitious, fibreglass mesh	Both faces
WATER ABSORPTION	≤ 0.1 %	EN 12087
CAPILLARY WATER UPTAKE	0 (none)	EN 1604
WATER PERMEABILITY	0 (impermeable)	EN 1604
COMPRESSIVE STRENGTH	≥ 300 kPa	EN 826
THERMAL CONDUCTIVITY	λ ≤ 0.036 W/mK	EN 1604
REACTION TO FIRE	Class E	EN 13501-1

• NOTE · 01 / MADE TO ORDER

Specifications are configured per project. Dimensions, thickness, density and edge treatment can be adjusted to suit site conditions and application. Contact our technical team for project-specific specification, tolerances and lead times.

MANUFACTURED BY

INSUTILE®

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