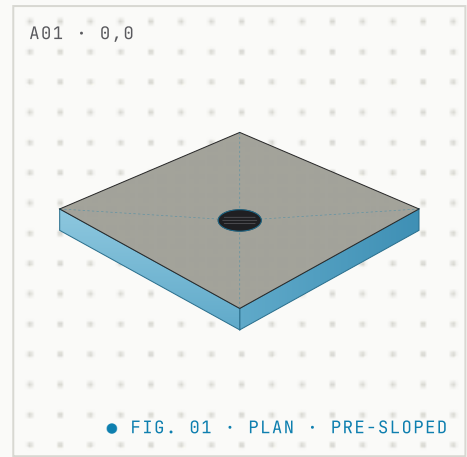


● SLOPED SHOWER TRAY SUBSTRATES · XPS + POLYMER CEMENT · § 01 PRODUCT OVERVIEW

SHOWER UNDERLAY.

- PRE-SLOPED
- WATERPROOF
- CENTRE / OFFSET / LINEAR
- XPS + POLYMER CEMENT



● § 01 · DESCRIPTION

INSUTILE® Shower Underlay Board is a pre-sloped tile-ready tray substrate. Factory-formed falls drain to a choice of centre, offset or linear-grated outlet position — eliminating on-site screeding and guaranteeing a consistent, correctly-pitched tray beneath the tile.

An XPS core bonded in polymer cement with a fibreglass + fleece reinforced surface gives a waterproof, dimensionally stable base that bonds directly with standard tile adhesives.

● § 02 · KEY FEATURES

● 01 Pre-Sloped to Outlet	● 02 Centre · Offset · Linear Options	● 03 Waterproof	● 04 No On-Site Screeding	● 05 XPS + Polymer Cement Core
● 06 Fibreglass + Fleece Surface	● 07 Direct Tile Adhesion	● 08 Thermal Insulation	● 09 Mould & Mildew Resistant	● 10 Consistent, Predictable Falls

● § 03 · APPLICATIONS

- Walk-In Showers
- Spa & Wellness Showers
- Linear-Drain Installations
- Wet Rooms & Curbless Showers
- Accessible / Level-Access Showers
- Commercial Shower Rooms
- Hotel Bathrooms
- Retrofit Over Existing Floors
- Residential En-Suite & Family Baths

§ 04 · DIMENSIONS MATRIX

Available sizes.

Square, rectangular and linear trays with factory-formed falls to the stated outlet position. Thickness varies with plan size (22 / 24 / 28 / 40 mm). Material: XPS core, polymer cement, fibreglass, fleece surface.

PLAN SIZE (MM)	DRAIN	THICKNESS (MM)	FALLS	NOTES
900 × 900	Centre	22	4-way	Compact en-suite
1000 × 1000	Centre	22	4-way	Standard square
1200 × 1200	Centre	24	4-way	Large square
1500 × 1500	Centre	28	4-way	XL square
1000 × 1000	Offset	22	2-way	Against-wall outlet
1200 × 1200	Offset	24	2-way	Against-wall outlet
900 × 1200	Offset	22	2-way	Rectangular offset
900 × 1500	Offset	24	2-way	Rectangular offset
900 × 1800	Offset	28	2-way	Long rectangular
1000 × 1000	Linear	22	1-way	Linear grate
900 × 1200	Linear	22	1-way	Linear grate
1000 × 1400	Linear	28	1-way	Linear grate
1000 × 1800	Linear	40	1-way	Linear grate · long tray

§ 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	$\lambda \leq 0.036$ 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.