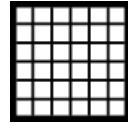


CONSTRUCTION BOARDS



ITALIAN SHOWERS



MOSAICS



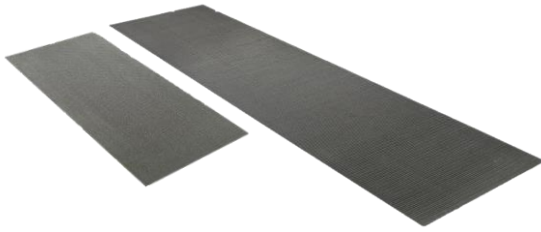
U-Tile DATASHEET

EPOXY BOARD

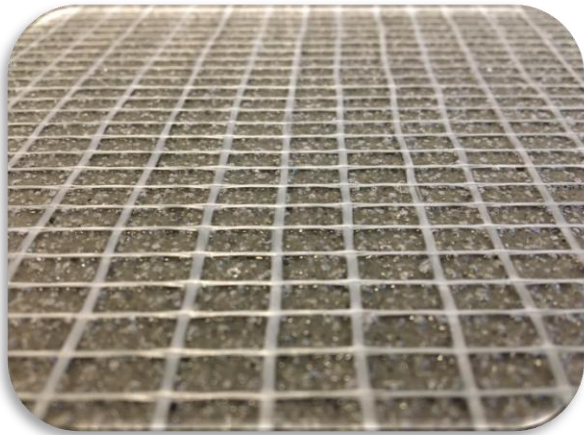
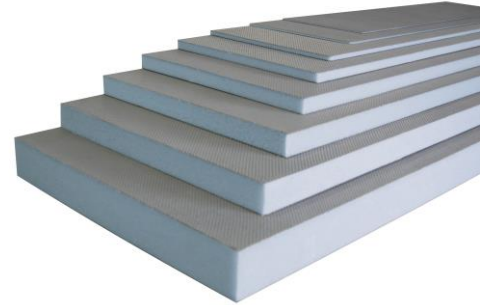
TILEABLE CONSTRUCTION PANELS

Patented Product

U-Tile Epoxy Board Panels



**NEW FINISH
NEW MORTAR
NEW COMPOSITION**



ENHANCED MECHANICAL RESISTANCE

IMPROVED TILING

GUARANTEED WATERPROOF

TWICE AS LIGHT

CLEAN CUTTING, NO DUST

U-Tile Epoxy Board © Construction Panels are available in standard sizes (125 x 60 and 250 x 60 cm), in thicknesses of 4 to 80 mm and compatible with many fields of application.

This new generation panel is patented and constitutes an innovation in the field of construction panels. This new polymerized cement mortar is modified with epoxy components, and fiberglass has been applied to the mortar, thus ensuring the following advantages: Panel twice as light, Ultra-easy cutting, No residue when cutting, Perfect waterproofing, Excellent adhesion of glues, Vapor barrier performance, Dimensional stability, Excellent mechanical resistance, Reinforcement of glue and tiling.

Renovation example using U-Tile Epoxy Board



EPOXY BOARD TILEABLE CONSTRUCTION PANELS

Application Areas

Thickness in mm	4	6	10	12.5	20	30	40	50	80
Tile thickness adjustment	✓	✓	✓						
Levelling / Floor Covering		✓	✓	✓	✓	✓	✓	✓	✓
Wall Cladding	✓	✓	✓	✓	✓	✓	✓	✓	✓
Window Forming				✓					
Concealed Frame Cladding					✓	✓			
Bath Skirts					✓	✓			
Podiums / Plinth's							✓	✓	✓
Construction of Tiled Furniture							✓	✓	✓
Tileable Partition Walls								✓	✓
Insulation – Wall / Floor / Roof			✓	✓	✓	✓	✓	✓	✓

Technical Characteristics

DESCRIPTION	TEST	TECHNICAL CHARACTERISTICS
Thermal Conductivity	DIN 52612	0.027
Thermal Conductivity after 5 yrs	DIN 52612	0.032
Compression Force at 10% deflection	DIN 53421	300 KN/m ²
Water absorption in immersion	DIN 53428	0.2% per volume of water
Water absorption (capillary)	DIN 53428	Negligible
Thermal Expansion Coefficient	ASTM D-969	14.5 x 10 ⁻⁵
Fire Characteristics	EN 13501-1:2007	Euroclass E
Density	DIN 53420	36 ± 0.02 kg/m ³

References and Dimensions

REF	THICKNESS (MM)	WIDTH (MM)	LENGTH (MM)	WEIGHT PER PANEL (KG)	U VALUE (W/m ² K)	R VALUE (m ² ·K/ W)
4 EB 125	4	600	1250	0.98	9.90	0.06
6 EB 125	6			1.02	7.00	0.12
10 EB 250	10		2500	2.25	3.50	0.25
125 EB 250	12.5			2.33	2.70	0.33
20 EB 250	20			2.70	1.50	0.56
30 EB 250	30			3.15	1.00	0.86
40 EB 250	40			3.60	0.70	1.16
50 EB 250	50			4.05	0.57	1.47
80 EB 250	80			4.13	0.50	2.33

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