

Taishi® External Wall Insulation Board

TSH Series

High-density stone wool board for external thermal insulation composite systems (ETICS). Tensile strength ≥ 10 kPa, designed for thin-plastered facade systems.

SPECIFICATION MODELS

MODEL	DENSITY (KG/M ³)	THICKNESS (MM)	SIZE (MM)
TSH140	140	30-200	1200×600
TSH160	160	30-200	1200×600

Other specifications can be customized according to customer requirements.

TECHNICAL PARAMETERS

PROPERTY	UNIT	TSH140	TSH160	STANDARD
Tensile Strength	kPa	≥ 10	≥ 15	GB/T25975
Compressive Resistance (10%)	kPa	≥ 40	≥ 40	GB/T25975
Thermal Conductivity	W/(m·K)	≤ 0.040	≤ 0.040	GB/T25975
Combustion Class		A	A	GB/T8624
Hydrophobic Rate	%	≥ 98	≥ 98	GB/T25975
Acidity Coefficient		≥ 1.8	≥ 1.8	GB/T25975
Moisture Absorption by Mass	%	≤ 0.4	≤ 0.4	GB/T25975
Short-term Water Absorption (24h)	kg/m ²	≤ 0.4	≤ 0.4	GB/T25975
Long-term Water Absorption (28d)	kg/m ²	≤ 1.0	≤ 1.0	GB/T25975
Dimensional Stability	%	≤ 1.0	≤ 1.0	GB/T25975
Thickness Deviation	mm	± 3	± 3	GB/T25975
Right Angle Deviation	mm/m	≤ 5	≤ 5	GB/T25975
Planeness	mm	≤ 6	≤ 6	GB/T25975
Melting Temperature	°C	> 1000	> 1000	—

APPLICATIONS

- Thin plastering external wall insulation system
- Curtain wall insulation backing
- Fire and waterproof wall assemblies

FEATURES

- High tensile strength
- Class A fire resistant
- Hydrophobic treatment
- Low thermal conductivity

PACKAGING & STORAGE

Products are packaged in polyethylene heat-shrinkable film for convenient construction, transportation and storage. Store in a dry, ventilated area or cover with waterproof draping during outdoor storage. Avoid prolonged exposure to rain or direct sunlight.

The above data is for reference only. Stone Wool Supply reserves the right to improve product performance with advances in production equipment and technology. Contact us for the latest specifications. This document does not constitute a warranty or guarantee of performance.