

Taishi® Composite Slab Stone Wool Board

TSF Series

Large-format stone wool board for automated composite slab production lines. High-purity basalt fiber, hydrophobic rate $\geq 98\%$.

SPECIFICATION MODELS

MODEL	DENSITY (KG/M ³)	THICKNESS (MM)	SIZE (MM)
TSF100	100	100	1800×1200 / 2400×1200
TSF120	120	100	1800×1200 / 2400×1200

Other specifications can be customized according to customer requirements.

TECHNICAL PARAMETERS

PROPERTY	UNIT	TSF100	TSF120	STANDARD
Density	kg/m ³	100	120	—
Thermal Conductivity	W/(m·K)	≤ 0.040	≤ 0.040	GB/T10295 ASTM C518
Slag Ball Content (>0.25mm)	%	<5	<5	—
Combustion Class		A	A	GB/T8624-2006
Max Service Temperature	°C	600	600	ASTM C411
Linear Shrinkage	%	<1	<1	ASTM C356
Moisture Absorption by Mass	%	≤ 0.5	≤ 0.5	GB/T11835
Hydrophobic Rate	%	≥ 99	≥ 99	GB/T10299
Acidity Coefficient		≥ 1.8	≥ 1.8	GB/T5480
Metal Corrosion (Steel)		≥ 21	≥ 21	GB/T11835-2007

APPLICATIONS

- Automated composite slab production
- Precision cutting and flipping systems
- Adhesive application and curing lines

FEATURES

- High purity basalt fiber
- Class A fire resistant
- Hydrophobic rate $\geq 98\%$
- Automation production ready

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.