

Taishi® Fireproof Black Stone Wool Board

TSFB Series

Black stone wool board for curtain wall fire stops. 2-hour fire resistance, melting point above 1150°C, acidity coefficient ≥ 1.6 .

SPECIFICATION MODELS

MODEL	DENSITY (KG/M ³)	THICKNESS (MM)	SIZE (MM)
TSFB80	80	100	1200×600
TSFB110	100	100	1200×600

Other specifications can be customized according to customer requirements.

TECHNICAL PARAMETERS

PROPERTY	UNIT	TSFB80	TSFB110	STANDARD
Thermal Conductivity	W/(m·K)	≤ 0.040	≤ 0.040	GB/T10294 EN13162
Combustion Class		A	A	ASTM C356
Max Service Temperature	°C	650	750	—
Linear Shrinkage	%	<1	<1	ASTM C356
Thermal Load Shrinkage Temperature	°C	600	700	GB/T11835
Fire Resistance - Structural Integrity	H	1.5	2	—
Fire Resistance - Thermal Insulation	H	1.5	2	—
Hydrophobic Rate	%	≥ 99	≥ 99	GB/T10299
Acidity Coefficient		≥ 2.0	≥ 2.0	GB/T5480
Melting Temperature	°C	>1150	>1150	—

APPLICATIONS

- Curtain wall fire resistance layer
- Fire stop barrier between floors

FEATURES

- Fire resistance up to 2 hours
- Melting point above 1150°C
- Hydrophobic rate $\geq 98\%$
- High acidity coefficient

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.