

## Taishi® Curtain Wall Insulation Board

TSM Series

Fine-fiber stone wool board for curtain wall cavity fire insulation and slab-edge fire stops. Service temperature up to 750°C.

### SPECIFICATION MODELS

MODEL	DENSITY (KG/M <sup>3</sup> )	THICKNESS (MM)	SIZE (MM)
TSM60	60	30-100	1200×600
TSM80	80	30-100	1200×600
TSM100	100	30-100	1200×600
TSM120	120	30-100	1200×600

Other specifications can be customized according to customer requirements.

### TECHNICAL PARAMETERS

PROPERTY	UNIT	TSM60	TSM80	TSM100	TSM120	STANDARD
Fiber Diameter	μm	≤5.0	≤5.0	≤5.0	≤5.0	GB/T19686
Max Service Temperature	°C	450	450	650	650	ASTMC411
Thermal Load Shrinkage Temperature	°C	400	400	600	600	GB/T11835
Moisture Absorption by Mass	%	≤0.5	≤0.5	≤0.5	≤0.5	GB/T19686
Hydrophobic Rate	%	≥98	≥98	≥98	≥98	GB/T19686
Thermal Conductivity	W/(m·K)	≤0.040	≤0.040	≤0.040	≤0.040	GB/T19686
Combustion Class		A	A	A	A	GB/T19686
Melting Temperature	°C	>1000	>1000	>1000	>1000	—

### APPLICATIONS

- Curtain wall cavity fire insulation
- Fire stop between floor slabs and curtain wall

### FEATURES

- Ultra-fine fiber diameter
- High service temperature
- Class A fire resistant
- Hydrophobic treatment

### 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.*