



# TECH Slab MT 2.2 V2

## Acoustic absorption for industrial machinery and equipment

TECH Slab MT 2.2 is the semi-rigid stone mineral wool slab for the insulation of industry tanks and vessels, exhaust ducts and stacks with a maximum service temperature of up to 560 °C.

Good acoustic absorption and mechanical handling. On request with black glass veil facing (V2).

### SOUND ABSORPTION



Up to 95% of sound energy absorbed due to optimal longitudinal air flow resistance and uniform porosity values

### FIRE REACTION



Non-combustible, Euroclass A1 for effective fire protection on industry sites

### HIGH SERVICE TEMPERATURES



Especially designed for high service temperatures up to 560°C

### THERMAL INSULATION



Classic-Plus thermal insulation performance for service temperatures up to 560°C

### Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

3. standard

2. classic plus

2.

1. classic



| CHARACTERISTIC       | SYMBOL    | UNIT      | QUANTITIES AND DECLARED VALUES                 |       |       |       |       |       | STANDARD                 |
|----------------------|-----------|-----------|--|-------|-------|-------|-------|-------|--------------------------|
| Thermal conductivity | T         | [°C]      | 50   | 100   | 150   | 200   | 300   | 400   | EN 12667<br>EN ISO 13787 |
|                      | $\lambda$ | [W/(m·K)] | 0.043  | 0.051 | 0.063 | 0.076 | 0.113 | 0.164 |                          |
| Thermal behaviour    | T         | [°C]      | Maximum service temperature 560 (under 500 Pa) |       |       |       |       |       | EN 14706                 |

| CHARACTERISTIC     | SYMBOL | UNIT              | QUANTITIES AND DECLARED VALUES   | STANDARD                                |
|--------------------|--------|-------------------|--|---|
| Reaction to fire   | -      | -                 | Non combustible; Euroclass A1<br>Fire Spread Index = 0; Smoke Development Index > 20<br>Fire Spread Index ≤ 25; Smoke Development Index ≤ 25 on the faced side                       | EN 13501-1<br>ASTM E84                  |
| Water behaviour    | WS     | kg/m <sup>2</sup> | No short term water absorption by partial immersion (WS1 ≤ 1 kg/m <sup>2</sup> )   | EN ISO 29767                            |
| Chemical behaviour | -      | -                 | Do not contribute to corrosion of stainless steel  | ASTM C795/871                           |
| Application field  | -      | -                 | Product for use in technical applications, such as tanks and vessels, exhaust ducts and stacks or equipment with need for basic thermal at high temperatures and acoustic insulation | EN 14303                                |
| Material           | -      | -                 | Stone mineral wool light board<br>With quality marks EUCEB, unrisky regarding health according to regulation EC No 1272/2008 Note Q  | CINI 2.2.01                             |
| Facing             | -      | -                 | On request: Black glass veil facing (V2)   | -                                       |
| Miscellaneous      | -      | -                 | Designation code : MW-EN 14303-T4-ST(+)-560-WS1  | EN 14303                                |
| Quality management | -      | -                 | CE-marked according to EN 14303<br>ISOVER is certified according to EN ISO 9001 and EN ISO 14001   | EN 14303<br>EN ISO 9001<br>EN ISO 14001 |

**DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION\***

| THICKNESS D [MM] | LENGTH [MM] | WIDTH B [MM] | M <sup>2</sup> /PACK | M <sup>2</sup> /TRUCK |
|------------------|-------------|--------------|----------------------|-----------------------|
| 30               | 1,200       | 600          | 14.40                | 2534.00               |
| 40               | 1,200       | 600          | 11.52                | 2028.00               |
| 50               | 1,200       | 600          | 8.64                 | 1521.00               |

\* All dimensions require minimum order quantities / other dimensions on request.


**www.isover-technical-insulation.com**

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

SAINT-GOBAIN ISOVER · Tour Saint-Gobain 12 place de l'Iris 92096 La Défense cedex - France