



## TECH Slab MT 2.2

### Stone mineral wool slabs for thermo-acoustic applications

TECH Slab MT 2.2 is a semi-rigid stone mineral wool slab designed for the insulation of industrial tanks and vessels, exhaust ducts and stacks, with a maximum service temperature of up to 560°C. It is also well-suited for industrial equipment thanks to its good acoustic absorption properties.

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

Thermal insulation performance for service temperatures up to 560 °C



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES						STANDARD
Thermal conductivity	T	[°C]	50	100	150	200	300	400	EN 12667 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	EN 13501-1
Water behaviour	WS	kg/m <sup>2</sup>	No short term water absorption by partial immersion ( $WS1 \leq 1 \text{ kg/m}^2$ )	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 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 ISOVER is certified according to EN ISO 9001 and EN ISO 14001	EN 14303 EN ISO 9001 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](http://www.isover-technical-insulation.com)

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