



TECH Slab 2.0 Alu1/V1

Ultra-light and flexible glass mineral wool slabs for thermo-acoustic

TECH Slab 2.0 is the ultra- light and flexible glass mineral wool solution for thermal and acoustic insulation of various industry insulation equipment such as tanks and vessels, exhaust ducts and stacks.

TECH Slab 2.0 can be used for service temperatures up to 175°C. On request with yellow glass veil facing (V1) or reinforced aluminium facing (Alu1).

FAST INSTALLATION



Flexibility, lightweight and compressibility helps to handle and install the product easier and faster

THERMAL INSULATION



Classic-Plus thermal insulation performance for service temperatures up to 175°C

IMPROVED LOGISTICS



Transport and storage savings with up to 80% more material per pallet than standard solutions

FIRE REACTION



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

LIGHTWEIGHT



Lightweight solution with up to 50% weight savings compared to standard insulation solutions

SOUND ABSORPTION



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

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

3. standard

2. classic plus

1. classic

2.



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES				STANDARD
Thermal conductivity	T	[°C]	50	100	150	170	ISO 12667 EN ISO 13787
	λ	[W/(m·K)]	0.042	0.054	0.068	0.074	
Thermal behaviour	T	[°C]	Maximum service temperature 175 (under 500 Pa)				EN 14706

CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Specific thermal capacity	c	kJ/(kg·K)	1.03	ISO 10456
Reaction to fire	-	-	Non combustible; Euroclass A1 Fire Spread Index = 0; Smoke Development Index < 20	EN 13501-1 ASTM E84
Water behaviour	WS	kg/m ²	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 other equipment with need for basic thermal and/or acoustic insulation at low process temperatures	EN 14303
Material	-	-	Glass mineral wool flexible board. With quality marks EUCB, unrisky regarding health according to regulation EC No 1272/2008 Note Q	CINI 2.1.01
Facing	-	-	On request: Yellow glass veil facing (V1) Reinforced aluminium facing (Alu1)	-
Miscellaneous	-	-	Designation code : MW-EN 14303-T4-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	-	-	Please contact your local ISOVER dealer All dimensions require minimum order quantities	-



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.

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