



TECH Slab MT 4.0



Performance robust stone mineral wool slabs

TECH Slab MT 4.0 is the medium-weight robust stone mineral wool slab for the insulation of industry tanks and vessels, exhaust ducts and stacks or other equipment with a maximum service temperature of up to 620 °C. It combines thermal and acoustic performance.

TECH Slab MT 4.0 is produced with AS-Quality (Cl- ≤ 10 ppm) for usage when in contact with austenitic steel structures.



THERMAL INSULATION

Thermal insulation performance for service temperatures up to 620 °C



HIGH SERVICE TEMPERATURES

Especially designed for high service temperatures up to 620 °C



SOUND INSULATION

The ability of mineral wool to act as a spring results in reducing vibration and noise emissions in industrial processes



FIRE REACTION

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



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES								STANDARD
Thermal conductivity	T	[°C]	50	100	150	200	300	400	500	600	EN 12667 ISO 13787
	λ	[W/(m·K)]	0.039	0.045	0.053	0.064	0.088	0.121	0.164	0.219	
Thermal behaviour	T	[°C]	Maximum service temperature 620 (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								EN 13501-1
Chemical behaviour	-	-	AS-quality (Leachable Chloride ≤ 10 ppm)								AGI Q 132
Application field	-	-	Product for use in technical applications, such as tanks and vessels, exhaust ducts and stacks or other equipment with need for good thermal and/or acoustic insulation at high process temperatures								EN 14303
Material	-	-	With quality marks EUCEB and RAL by the Gütegemeinschaft Mineralwolle e. V., unrisky regarding health according to German decree on dangerous substances, decree on prohibition of chemicals and to regulation EC No 1272/2008 Note Q								CINI 2.2.01
Acoustic	AFR (σ)	kPa·s/m ²	Airflow resistivity AF r >40 kPa·s/m ²								EN ISO 9053-1
Miscellaneous			Insulating material identification number: 10.07.03.30.08 Designation code: MW-EN 14303-T4-ST(+)620-AF40								AGI Q 132 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]	WIDTH B [MM]	LENGTH [MM]	M ² /PACK	M ² /PALLET	PACKS/PALLET
100	625	1,200	2.25	27.00	12
30	625	1,200	7.50	90.00	12
40	625	1,200	4.50	67.50	15
50	625	1,200	4.50	54.00	12
60	625	1,200	3.75	45.00	12
80	625	1,200	2.25	33.75	15

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


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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