

TECH Slab MT 4.1



Performance robust stone mineral wool slabs

TECH Slab MT 4.1 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 640 °C. It combines thermal and acoustic performance.

TECH Slab MT 4.1 is available with AS-Quality (Cl- ≤ 10 ppm) when in contact with austenitic steel structures. On request with yellow glass veil facing (V1) or reinforced aluminium facing (Alu2).



THERMAL INSULATION

Thermal insulation performance for service temperatures up to 640 °C



HIGH SERVICE TEMPERATURES

Especially designed for high service temperatures up to 640 °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



MECHANICAL RESISTANCE

Robust industry slab for optimal use in applications requiring high mechanical strength, e.g. by foot traffic



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)]	0.041	0.047	0.055	0.065	0.089	0.118	0.155	0.201	
Thermal behaviour	T	[°C]	Maximum service temperature 640 (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 Euroclass A2-s1,d0 for TECH Slab MT 4.1 Alu2								EN 13501-1
Water behaviour	WS	kg/m ²	No short term water absorption by partial immersion (WS1 ≤ 1 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 good thermal and/or acoustic insulation at high process temperatures								EN 14303
Material	-	-	Stone mineral wool rigid board With quality marks EUCEB, unrisky regarding health according to regulation EC No 1272/2008 Note Q								CINI 2.2.01
Facing	-	-	On request: Reinforced aluminum foil (Alu2) Yellow glass veil facing (V1)								-
Miscellaneous	-	-	Designation code: MW-EN 14303-T4-ST(+)-640-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								-



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