



## TECH Slab 3.0 G1

### Light and efficient glass mineral wool slabs for thermo-acoustic

TECH Slab 3.0 G1 is an efficient and light glass mineral wool solution for thermal and acoustic insulation of various industry insulation equipment such as tanks and vessels, exhaust ducts and stacks. The glass-fabric facing provides additional acoustic properties and mechanical surface strength.

TECH Slab 3.0 G1 can be used for service temperatures up to 300°C.



#### COST EFFECTIVE SOLUTION

Thermal performance combined with lightweight provides installation time saving and less heat loss costs



#### SOUND ABSORPTION

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



#### THERMAL INSULATION

Thermal insulation performance for service temperatures up to 300°C



#### IMPROVED LOGISTICS

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



#### FAST INSTALLATION

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



#### LIGHTWEIGHT

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



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Thermal conductivity	T	[°C]	50	100	150	200	300	EN 12667 EN ISO 13787
	$\lambda$	[W/(m·K)]	0.038	0.047	0.058	0.070	0.102	
Thermal behaviour	T	[°C]	Maximum Service Temperature 300 (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	-	-	Euroclass A2-s1, d0				EN 13501-1
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 other equipment with need for basic thermal and/or acoustic insulation at low process temperatures				EN 14303
Material	-	-	Glass mineral wool board With quality marks EUCEB, unriskey regarding health according to regulation EC No 1272/2008 Note Q				CINI 2.1.01
Facing	-	-	On request: Black glass fabric facing (G1)				-
Acoustic	$\alpha_w$	-	From 0.3 to 0.9 (depending on thickness)				EN ISO 354
Miscellaneous	-	-	Designation code : MW-EN 14303-T4-ST(+)-300-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]	WIDTH B [MM]	LENGTH [MM]	M <sup>2</sup> /PACK	M <sup>2</sup> /PALLET	M <sup>2</sup> /TRUCK
30	600	1,350	11.34	181.44	3266.00
40	600	1,350	11.34	129.60	2333.00
50	600	1,350	6.48	103.68	1866.00

\* 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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