

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



Standard 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



Standard 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

Thermal Efficiency Indicator

8. extra plus

7. extra

6. premium plus

5. premium

4. standard plus

3. standard

2. classic plus

1. classic

3.



CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES					STANDARD
Thermal conductivity	T	[°C]	50	100	150	200	300	EN 12667 EN ISO 13787
	λ	[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 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 basic thermal and/or acoustic insulation at low process temperatures					EN 14303
Material	-	-	Glass mineral wool board With quality marks EUCEB, unrisky regarding health according to regulation EC No 1272/2008 Note Q					CINI 2.1.01
Facing	-	-	On request: Black glass fabric facing (G1)					-
Acoustic	α_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 ² /PACK	M ² /PALLET	M ² /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

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