

Product Data Sheet

Application: INDUSTRY

Isover TECH Slab 2.1



Rigid stone wool slab for industrial applications.

Isover TECH Slab 2.1 can be used in industry applications such as tanks, vessels, exhaust ducts and stacks, plus other industry equipment with a maximum service temperature up to 300 °C when in contact with austenitic steel structures. Available on request with yellow (V1) or black glass veil facing (V2).

Features and Benefits



**A1 FIRE
CLASSIFICATION**

European Reaction to Fire classification A1 in accordance with BS EN 13501-1.



INDUSTRY

Certified for use in nuclear power plants, PMUC number: 09-0012 PMUC.



**THERMAL
INSULATION**

Thermal insulation performance for service temperatures up to 300 °C.

Key Considerations

When using Isover TECH Slab 2.1 you need to satisfy yourself that use of the product meets all relevant national Building Regulations and guidance as well as local, national and other applicable standards relevant for your construction or application, including requirements in relation to fire.

Please refer to isover.co.uk for all current documentation relating to this product.

Product Specification

Product code	Thickness (mm)	Length (mm)	Width (mm)	Pack area (m ²)	Packs per pallet	Pallet area (m ²)
5200929574	50	1000	600	7.20	8	57.60
5200929575	80	1000	600	4.80	8	38.40
5200929576	100	1000	600	3.60	8	28.80

Thermal Conductivity

Mean temp °C	50	100	150	200	300
Declared thermal conductivity (W/m.K)	0.043	0.053	0.066	0.082	0.124

Characteristics

Thermal	Thermal conductivity standard EN 12667 and ISO 13787.	Handling, Health and Safety	Information regarding installation, handling of Isover products and health and safety information can be found at isover.co.uk/suis .
Application	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(V2 version). Especially designed and certified for use in nuclear applications. Standard EN 14303.	Chemical behaviour	Does not contribute to corrosion of stainless steel. Especially designed and certified for use in nuclear applications. Standard ASTM C795/871.
Facing	On request: Yellow (V1) or black (V2) glass veil facing.	Quality	All Isover products are manufactured under Quality Management Standard – ISO 9001.
Environmental	All Isover products are manufactured under Environmental Management System – ISO 14001.	Water behaviour	No short term water absorption by partial immersion (WS ≤ 1 kg/m2). Standard EN 29767.
Storage	Products must be kept dry and protected from prolonged sunlight. The polyethylene packaging and shrink-wrapped pallets provide short-term protection only. For longer-term storage, keep the product indoors or under cover and off the ground.	Thermal behaviour	Maximum service temperature 300 °C (under 500 Pa). Standard EN 14706.
Certification	CE-mark according to EN 14303 Designation code : MW-EN 14303-T4-ST(+)-300-WS1.	Specific thermal capacity	1.03 kJ/(kg/K). Standard ISO 10456.
		EUCEB	EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008.



Isover

Saint-Gobain Isover UK Limited,
Saint-Gobain House, East Leake, Loughborough,
Leicestershire, LE12 6JU.

Customer Service - Order Placement and Enquiries

Tel: 0800 0322 555
Email: isover.customerservice@saint-gobain.com

Technical Support Team

Email: isover.technical@saint-gobain.com

isover.co.uk

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Isover reserves the right to amend or revise product specification without notice. The information in this publication is correct at the time of publication. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

For an up-to-date library of product information, users should visit the website at isover.co.uk

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Registered Offices: Saint-Gobain House, East Leake, Loughborough, Leicestershire, LE12 6JU.