

Product Data Sheet

Application: INDUSTRY

Isover TECH Slab HT 6.1



Rigid stone wool slab for industrial applications

Isover TECH Slab HT 6.1 is a rigid stone wool slab with a high mechanical strength, designed to provide thermal insulation for industrial applications. It can be considered for installation on tanks and vessels, exhaust ducts, stacks and other industrial equipment with a maximum service temperature of up to 700 °C.

Isover TECH Slab HT 6.1 is available with AS-Quality ($Cl^- \leq 10$ ppm) when in contact with austenitic steel structures.

Features and Benefits



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



Helps to control temperatures and reduce heat loss or gain within, tanks and vessels, exhaust ducts, stacks and other industrial equipment.



Certified for use in nuclear power plants, PMUC number: 09-0015 PMUC.



Thermal insulation performance for service temperatures up to 700 °C.

Key Considerations

When using Isover TECH Slab HT 6.1 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)
5200929586	40	1000	600	4.80	14	67.20
5200929587	50	1000	600	4.80	12	57.60

Thermal Conductivity

Mean temp °C	50	100	150	200	300	400	500	600	650
Declared thermal conductivity (W/m.K)	0.039	0.044	0.051	0.058	0.076	0.098	0.123	0.154	0.172

Characteristics

Thermal	Thermal conductivity standard EN 12667, EN ISO 13787 and ASTM C177.	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 large diameter pipes, tanks and vessels, boilers, exhaust ducts and stacks. 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.
Environmental	All Isover products are manufactured under Environmental Management System - ISO 14001.	Quality	All Isover products are manufactured under Quality Management Standard - ISO 9001.
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.	Water behaviour	No short term water absorption by partial immersion ($WS \leq 1 \text{ kg/m}^2$). Standard EN 29767.
Certification	CE-mark according to EN 14303 Designation code : MW-EN 14303-T2-ST(+)700-WS1-CI 10	Thermal behaviour	Maximum service temperature 700 °C (under 500 Pa), Standard EN 14706.
		EUCEB	EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008.



Isover

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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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