ISOVER DUCT SLAB 35

HVAC – Thermal insulation for metal ductwork

Duct Slab 35 is a strong glass mineral wool slab that offers significant energy savings. This product's high density provides consistent thermal and acoustic performance along the length of the duct. Duct Slab 35 have no soft edges and excellent compression resistance which makes it durable and easy to install.

The product complies with the BS 5422:2009 which specifies methods for thermal insulating materials for pipes, tanks, vessels and ductwork. ISOVER HVAC range also meet EN 14303: Thermal insulation products for building equipment and industrial installations.

Features and Benefits

THERMAL INSULATION

Thermal performance

Duct Slab 35 offers significant energy savings. The high density provides consistent thermal performance along the length of the duct.

ACOUSTIC INSULATION

Acoustic performance

Due to the natural sound wave damping effect that glass mineral wool possesses, noise levels from ducts can be greatly reduced.

RECYCLED GLASS

Protected Planet

Manufactured from up to 80% recycled postconsumer glass that would otherwise go to landfill.

FIRE PROTECTION

Non-combustion

Duct Slab 35 has an A1 Euroclass fire rating.

Product Specification

Product Code	Thickness (mm)	Width (mm)	Length (mm)	Pack Area (m^2)
5200687875	100	1200	2000	26.4

Thermal Conductivity

Mean Temperature °C	10	50	100	200
Declared thermal conductivity (W/mK)	0.033	0.038	0.047	0.071

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Characteristic	Description
Fire performance	Euroclass A1 fire rating when classified with BS EN 13501-1
Service temperature	Maximum operating temperature 200°C
Environmental standards	ISOVER is an ISO 14001:2004 (Environmental Management System) accredited manufacturing facility. This accreditation ensures that all products are manufactured to the stringent standards set out by this management system.
Quality standards	We hold a Quality Management Standard BS EN ISO 9001: 2008 for manufacturing. Allproducts are manufactured in accordance with the CE marking requirements under the Construction Products Regulation, and to product standard: BS EN 13162: 2008 and BS EN 13172 Evaluation of Conformity.
ODP/GWP	Zero ODP (Ozone Depletion Potential); GWP < 5 (Global Warming Potential).
Air duct filters	As specified in EN 779:2012 air handling units should have filters of minimum class F7. This is to stop a minimum of 35% of outdoor contaminants finding their way into the building.
Handling and storage	ISOVER products are supplied fully palletised, offering the following benefits: Weatherproof packaging for outside storage. Reduced haulage costs. Less handling therefore less damage. Reduced storage space. Packs remain clean and in good condition. Faster loading, unloading and counting.
Recycled content/sustainability	Duct Slab 35 is manufactured from up to 80% recycled glass that would otherwise go to landfill. This makes ISOVER one of the most environmentally sustainable insulation products on the market today.
Building standards	ISOVER Duct Slab 35 complies with the BS 5422:2009 which specifies methods for thermal insulating materials for pipes, tanks, vessels and ductwork. ISOVER HVAC range also meet EN 14303: Thermal insulation products for building equipment and industrial installations as well as EN 779:2012, European standard for air filters.
Air quality and maximum velocity	The operational air speed in the duct should not exceed 12 m/s. Duct Slab 35 may not be installed in the air ducts which contain air contaminated by fat or grease particles.

CONTACT DETAILS FOR FURTHER INFORMATION

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Publish date: March 2023