
NBS Specification: ROCKWOOL Ductslab

PRODUCT SUMMARY:

Thermal insulation for rectangular and square ductwork.

PRODUCT GENERAL DESCRIPTION:

Ductslab is supplied as a semi-rigid insulation slab faced with reinforced aluminium foil.

Ductslab is better suited to rectangular ducts due to its rigidity. This solution is recommended for service temperatures of up to 230°C. The thermal insulation solutions are often applied to air conditioning, warm air and extractor ducts, located in plant rooms, boiler houses or externally.

In addition to its thermal properties, the mineral wool insulation delivers acoustic performance which can be desirable for applications to ducts that carry gases, fluids or particle solids at high velocities. The use of ROCKWOOL Ductslab can also significantly improve the level of environmental sound, for a far more pleasant working environment.

FEATURES AND BENEFITS:

- Acoustically absorbent.
- Non-combustible.
- Water repellent.
- Chemically inert.
- Easy to handle and install.
- CE marked in accordance with BS EN 14303.
- The product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with this data sheet

APPLICATION:

In order to regulate temperature within heating, ventilation and air conditioning systems insulation must be applied. ROCKWOOL Ductslab can provide the thermal insulation to these HVAC systems as well as cold water storage, feed and expansion tanks. This solution is acoustically absorbent and A1 non-combustible to deliver peace of mind.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

Ductslab

PRODUCT PROPERTIES:

Insulation Thickness (minimum):

- 40 mm
- 50 mm

Width: 600mm

Length: 1000mm

Thermal conductivity: [d] 0.034 W/mK

Nominal density: [d] 45 kg/m³

STANDARDS AND APPROVALS:

Ductwrap and Ductslab products are CE marked in accordance with BS EN 14303.

For more information, please visit www.rockwool.co.uk/DOP

Ductslab satisfies the requirements of BS 3958-5, 'Specification for bonded man-made mineral fibre slabs.'

Ductwrap and Ductslab can be used to satisfy the requirements of BS 5422 'Method for specifying thermal insulating materials.'

The product has been authorised for use in LUL surface and sub-surface premises when installed in accordance with the data sheet – please refer to the LUL Approved Product Register website www.LU-apr.co.uk for specific details.

CONTACT DETAILS:

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