
NBS Specification: ROCKWOOL RockLap H&V Pipe Section

PRODUCT SUMMARY:

Preformed pipe insulation for thermal, acoustic and fire stopping applications.

PRODUCT GENERAL DESCRIPTION:

ROCKWOOL RockLap H&V Sections are pre-formed sections of stone wool insulation, manufactured pre-slit for ease of application and have a layer of factory applied foil facing and a self-adhesive lap. The RockLap H&V Sections can easily be fitted around the pipework and fixed by removing the backing tape from the foil overlap and pressing down to seal.

The sections have been designed to provide acoustic and thermal insulation to heating, ventilation and air conditioning pipework, operating at temperatures of 0–250°C. In addition to insulating to save energy and minimize heat loss, insulation is required to services and equipment for other specific criteria such as Frost Protection, Condensation Control, Personnel Protection and Acoustic Control.

ROCKWOOL H&V Pipe Sections have been successfully tested for providing fire stopping to steel & copper pipe penetrations where they penetrate fire resistant walls and floors.

Suitable for heating and ventilation pipes in a range of settings, through buildings, plants and other structures.

FEATURES AND BENEFITS:

- Fast and simple to install, reducing cost and the amount of time on site.
- The requirement for taping is significantly reduced due to the integral self-adhesive lap, taping is only required where lengths meet to maintain a vapour seal.
- ROCKWOOL RockLap H&V Sections achieve a European Reaction to Fire Classification of A2_L-s1, d0- non-combustible.
- The sections are resilient and high performing provided in a one-piece, with reinforced foil and integral lap.
- CE marked in accordance with BS EN 14303.

RESISTANCE TO FIRE PERFORMANCE:

Tested to BS EN 1366-3, for the fire resistance of penetration seals offering up to EI 120.

APPLICATION:

Preformed pipe insulation for thermal and fire stopping insulation to HVAC pipework.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

ROCKWOOL RockLap H&V Pipe Section

PRODUCT PROPERTIES:

Standard: [d] BS EN 14303, ISO 14001, BS EN 1366-3, BS EN 13501-1

Thermal conductivity: [d] 0.033–0.034 W/mK

Reaction to fire classification: [d] A2_L-s1, d0

Insulation thickness (minimum): 20mm - 100mm

Diameter: 17mm - 406mm

Length: 1000mm

Specific heat: [d] 0.84 kJ/kgK (nominal) at 20°C

Density: [d] 120 kg/m³

CONTACT DETAILS:

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