
NBS Specification: FIREPRO® DuctRock® Slab

PRODUCT SUMMARY:

Fire protection for ventilation, smoke extract and kitchen extract ducts.

PRODUCT GENERAL DESCRIPTION:

FIREPRO® DuctRock® Slab is composed of high density, non-combustible stone mineral insulation, finished with a high emissivity black foil facing. FIREPRO® Glue and high-performance Black Aluminium Foil Tape are available for sealing all board joints. The ROCKWOOL DuctRock® slabs are readily available in three thicknesses, are easy to handle and simple to install. The slabs can be installed using stud welded pins, steel washers and FIREPRO® Glue, and are easy to cut with a hand saw or circular/table saw.

DuctRock® Slab has been tested to the latest harmonised European standard and is capable of achieving a fire resistance up to EI 120, up to 2-hours' fire protection for rectangular ventilation and smoke extract ducts and up to 1 hour fire protection to ducts with a combustible lining (kitchen extract) ducting. The solution is typically used in commercial and industrial settings where they travel throughout the building passing through fire rated walls and floors.

Insulating ductwork can be beneficial for reducing thermal transmission as well as protecting the structure in the event of a fire which can amount to costly damages. All joints are to be filled with FIREPRO® Glue (see separate product) and held tightly closed.

FEATURES AND BENEFITS:

- EI 120 mins on ventilation and smoke.
- Tested on both vertical and horizontal ducts.
- Wide ranging scope for many duct types.
- High quality black foil finish.
- Patented horizontal penetration detail

APPLICATION:

Designed to provide up to 2-hours' fire protection to ductwork in addition to fire resistance where they pass through fire rated walls and floors.

PRODUCT SPECIFICATION CLAUSE

PRODUCT REFERENCE:

Firepro DuctRock

PRODUCT PROPERTIES:

Insulation Thickness (minimum): 60 mm, 80 mm, 90 mm

Width: 1000mm

Length: 1200mm

Thermal Conductivity: 0.040 W/mK

Reaction to fire class: A1 to BS EN 13501-1

STANDARDS AND APPROVALS:

DuctRock® Slab has been tested in accordance with BS EN 1366: Part 1 for ventilation ducts and also BS EN 1366: Part 8 for smoke extraction ducts achieving up to EI 120 minutes.

DuctRock® Slab has been classified in accordance with EN 13501-3:2005 +A1: 2009

Fire Resistance Classification: up to EI 120 (ve, ho, i ↔ o) S

DuctRock® has been classified in accordance with EN 13501-4:2016.

Fire Resistance Classification: up to EI 120 multi (ho/ve) S 500

CONTACT DETAILS:

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