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## NBS Specification: FIREPRO® Fire Duct Systems - Fire Duct Section and Fire Duct PSM

### PRODUCT SUMMARY:

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

### PRODUCT GENERAL DESCRIPTION:

Fire duct section provides fire protection, thermal and acoustic insulation for circular ductwork. The simplicity and flexibility of fixing options ensures rapid and reliable installation to both vertical and horizontal duct systems.

All Fire duct products are supplied faced on one side with reinforced aluminium foil.

Fire Duct Section is made up of high density pre-formed pipe section faced with reinforced aluminium foil. Fire Duct PSM is formed of high-density slab with factory machined grooves to allow for installation around larger circular ducts, again reinforced with aluminium foil. Fire Duct Section for ducts of a diameter between 17mm - 610mm, and Fire Duct PSM for circular ducts with a diameter greater than 406 mm.

The systems provide comprehensive performance for stability, integrity and insulation, for all ducts passing through fire-rated walls or floors.

### FEATURES AND BENEFITS:

- Quick and easy to install.
- Fully certified to BS 476–24 (duct types A and B).
- Up to 2 hours fire protection for stability, integrity and insulation.
- Choice of fixing options.
- Single layer, enabling verification of system installation.

### APPLICATION:

Fire Duct sections provide fire protection to circular steel ductwork (in vertical and horizontal applications).

### PRODUCT SPECIFICATION CLAUSE

### PRODUCT REFERENCE:

Fire Duct Section

Fire Duct PSM

### PRODUCT PROPERTIES:

**Insulation Thickness (minimum):** 40 mm, 90 mm

**Diameter:** 17mm - 610mm

**Length:** 1000mm

#### Accessories:

- ROCKWOOL FirePro Glue
- Steel wires at 300mm centres

### STANDARDS AND APPROVALS:

The Fire Duct products have been tested and assessed by the Loss Prevention Certification Board (LPCB) of the BRE in accordance with BS 476 – 24, 'Fire tests on building materials and structures – Methods for determination of the fire resistance of ventilation ducts'.

Fire Duct products can be used to provide fire protection to horizontal, vertical, rectangular, circular, ventilation and smoke extract steel ductwork fully in accordance with BS 476 – 24, ducts 'Type A' and 'Type B', "Fire outside duct" and "Fire inside duct".

LPCB Red Book approved product (Cert. No. 022f)

### CONTACT DETAILS:

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