

NBS Specification: ROCKWOOL FIREPRO® Fire Tube

PRODUCT SUMMARY:

ROCKWOOL FIREPRO Fire Tube is a rigid, pre-formed cylindrical section tested to provide cellulosic fire protection to circular section structural steel, and to process sprinkler and service pipes.

PRODUCT GENERAL DESCRIPTION:

FIREPRO Fire Tube has been tested to BS EN 13381-4:2013 to provide passive fire protection to structural steel members. Manufactured from stone wool, it offers fire protection, with excellent thermal and acoustic qualities. Fire Tube is available to suit common metal pipe diameters in the range between 21–610 mm and is available un-faced or with an optional aluminium foil facing.

FEATURES AND BENEFITS:

- Range of wall thicknesses to accommodate specific steelwork, pipe and content fail temperatures
- Individually manufactured to fit pipe and CHS sizes up to 610mm outside diameter
- Up to 3 hours fire protection (EI180)
- Additional thermal and acoustic benefit
- A1 Non-combustible.
- Authorised for use in LUL surface and sub-surface premises when installed in accordance with the data sheet

APPLICATION:

Fire Tube has been designed to provide fire protection of up to 3 hours and is suitable for use with:

- Structural steel
- Circular Hollow Sections (CHS)
- Solid bars
- Sprinkler pipes
- Process pipework

PRODUCT SPECIFICATION CLAUSE

FIREPRO FIRE TUBE IS ASSOCIATED WITH THE FOLLOWING NBS CLAUSES:

- P12 Fire stopping systems
- 375 Pipe collar: Insulated wrap

PRODUCT REFERENCE:

ROCKWOOL FIREPRO Fire Tube

PRODUCT PROPERTIES:

Form:

- Foil faced
- Plain (standard)

Thickness:

- 25 mm
- 40 mm
- 50 mm
- 60 mm
- 70 mm

Diameter:

- [21mm – 356mm]
- [Non-standard – consult ROCKWOOL]

Length: [1000mm]

Accessories:

- ROCKWOOL FirePro Glue
- Steel wire

STANDARDS AND APPROVALS:

Full-scale independent test data has been verified and assessed by Warringtonfire report number: WF 433895.

The required wall thickness of Fire Tube to provide a particular fire resistance for a specified period depends on the diameter, wall thickness and critical (fail) temperature of the steel column or pipe. However, in the case of pipes, the critical temperature is likely to depend on its contents.

CONTACT DETAILS:

ROCKWOOL

Wern Tarw Road, Rhiwceiliog Pencoed, Bridgend CF35 6NY

Email: technical.solutions@rockwool.co.uk

Telephone: 01656 868 490

www.rockwool.com/uk/