

BS476 Part 24

4-hour fire rated ductwork

Tested to BS 476 Part 24

Suitable and rated for smoke
extract, kitchen extract and
smoke pressurisation

Meets BS 9999 requirements
method 3 fire-resisting ductwork



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4-hour fire-rated ductwork

Thor Duct fire-rated ductwork has been designed to cater for the various fire safety requirements within the building industry today.

The prevention of fire spreading through ducted systems is of critical importance.

Non-fire resistant ductwork systems can be responsible for allowing the initial spread of fire and smoke between compartments.

The correct use of fire-rated ductwork will maintain fire compartmentation and assist in the safe dispersal of hazardous smoke and fumes.



Tested to:

- Minimum
- BS476 part 24:1987.
- BS476 part 24:1987 Insulated.
- 400°C Uninsulated test.
- Various ad-hoc client requests.
- Assessed for stainless steel construction.
- Tested with insulation to meet DW172 requirements on Kitchen Extract and Smoke Extract (multi-compartment).

Thor Duct is a complete system with fire-rated access doors and fire-rated silencers.

A client's perspective

A job to be confident in

- **Thor Duct** is a non-coated duct and comes ready for installation. Factory control (ISO standards) ensures that your product arrives conforming to the standards applied during our independently verifiable tests.

- You receive with your delivery the necessary additional materials to ensure a complete system, proper seals and a safe installation.

Each installation conforms to a strict code which specifies rod diameters, support centers, types of mounting strut and fire-rated sealants.

- Installers instructions provided in advance.
- Dealing with your agent directly, with multiple trained installers, ensures that your takeoff or drawings have been checked, and double-checked, before it arrives on site.
- Fast installation with a robust product that doesn't chip and is suitable for building site conditions.
- Single fix installation.
- Available in square and round.
- Multiple insulation options available.
- No out of the ordinary lifting equipment required.



- Product is easily verified after install for compliance with independently verified standards. Part of the Warrington "Certifier" Quality System.

Quality

- Manufactured to exacting standards by people who have years of experience.
- People who invest in people.
- An ethos of care and diligence.
- CHSAS 18001:2007

Materials

- Made from sheet-metal without a requirement for painting.
- Special **Thor Duct** Flanging system containing a unique compound, the product of years of research, which prevents fire penetration.
- EN 10346:2009

Installation

- Installers receive clear and concise instructions.
- Installations are inspected and verified to independent standards.
- Secure certification can be issued by Air Force on install inspection.



Ventilation & Maintenance Solutions Ltd are delighted to be a new licensee of Thor Duct.

Although new to the Thor Duct System V & MS Management and Workforce have a vast knowledge and experience in fabricating Fireduct dating back over 20 years.

V & MS offer a hands-on approach and welcome Site Visits to assisting in Training, Inspections, Presentations and the Installation of products carried out for our internal contracts and customers.

V & MS are ISO 9001:2015 registered for their Quality Management and are also members of ADCAS, the Association of Ductwork Contractors and Allied Services.



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