

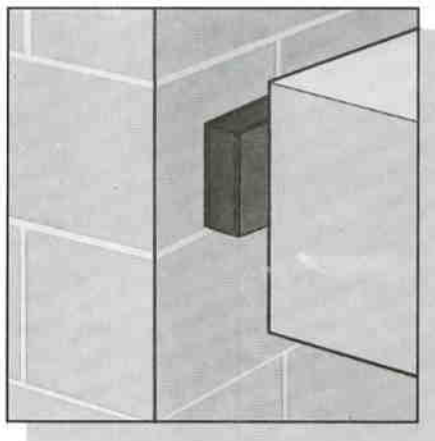
# PRODUCT DATA SHEET

## THERM-A-FOAM

### A NEW ALL-BRITISH DEVELOPMENT FOR MAINTAINING THE FIRE INTEGRITY OF MOVEMENT JOINTS AND CAVITIES IN COMPARTMENT WALLS AND FLOORS

#### DESCRIPTION

THERM-A-FOAM comprises a 20mm fire retardant foam coated on both faces with a 2 mm layer of flexible intumescent material. The flexible open cell structure of the foam allows up to 75% compression and the intumescent compound is based on the highly successful THERM-A-FLEX. THERM-A-FOAM is available as a single or multi-layer strip.



#### PERFORMANCE

Normally, THERM-A-FOAM functions as a movement joint filler in compartment walls and floors, providing excellent acoustic and thermal insulation properties. THERM-A-FOAM is totally resistant to the effects of atmospheric carbon dioxide and moisture. The material requires no special treatment when installed into joints which may be subjected to water spillage, during for example the early construction stage of a building.

In the event of a fire THERM-A-FOAM helps contain the movement of cold smoke and on exposure to heat the intumescent material expands until the joint or void is fully sealed.

#### APPLICATION

THERM-A-FOAM is recommended for use in structural movement joints through fire resisting walls and floors. THERM-A-FOAM is also an ideal product for sealing the gaps around penetrations through fire compartment walls and floors (for example pipework, ductwork, cable trays, and cables). Other areas of application are sealing gaps in curtain walling, adjoining walls and floors and working as a cavity barrier in timber stud frame constructions.

#### AUTHORITY

THERM-A-FOAM has been independently tested to the methodology of BS 476: part 20 providing integrity ratings in apertures ranging from 10 mm - 100 mm for periods of up to 4 hours. Test evidence is available on request.

#### INSTALLATION

Depending on gap size and fire rating required THERM-A-FOAM may be supplied in single pre-cut strip or multi-layer pre-cut strip. The sections are compressed by hand and inserted into the joint or around the penetration until the void is filled.



A minimum compression of 15% per thickness of material should be allowed to cater for ambient movement changes. Special preparation to the joint or void is not necessary. Where it is deemed advisable to seal joint edges we would recommend Sealmaster fire resistant sealant

## **AVAILABILITY**

THERM-A-FOAM is not usually available ex-stock and 10 - 14 days delivery should be allowed.

We have a company policy of constantly reviewing and testing our products. As new test information becomes available we reserve the right to change any of our product specifications without further notice.

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