

HODGSON FIRE FOAM

Version No. 2

Revision Date: 02/02/09

Page 1 of 2

DESCRIPTION

Hodgson Fire Foam is a single component flame retardant construction foam that conforms to DIN 4102-part 1 class B1: 1998 and prEN: 1366 Part 4 fire resistant for periods up to 4 hours.

KEY FEATURES

Excellent adhesion to a wide variety of building materials such as brick, concrete, metal and PVC-U.

Hand applied, foam gun is not required.

Fills joints up to 40 x 40mm (width & depth).

This foam does not contain (H) CFC-PCB or formaldehyde.

High thermal and acoustic insulation properties.

Totally cured foam is chemically inert.

Weatherproof and will not rot.

TECHNICAL APPROVALS

Hodgson Fire Foam conforms to the following standards:

DIN 4102-Part 1 Class B1.

PrEN1366 Part 4:1998 WFRC No. C128109 Linear Gap Seals 4 hours integrity.

Meets the "50 gram rule" contains =<50g flammable gas per 750ml content.

Kingspan approved for use with Kingspan Insulated Roof and Wall Panel Systems.

USES

Gap filling – sealing of partition walls and around pipes and other structures where a fire rated foam is required.

Provides a backing material for joints prior to the application of sealants.

To maintain insulation to cavities and joints in structures.

General gap filling applications.

PERFORMANCE

Specific gravity after curing: 15-20kg/m³

Tack free time: 8-12 minutes

Cutting time: 30-40 minutes

Dimensional stability: -2%<DS<0%

Thermal conductivity: 0.035 W/mK

Service temperature range: -40°C to +90°C

Sound absorption : 56dB

Note: Hodgson Fire Foam must be protected from UV light either by painting it or covering it with a trim, plaster, mortar etc.

HODGSON FIRE FOAM

Version No. 2

Revision Date: 02/02/09

Page 2 of 2

APPLICATION

PROPERTIES

Application temperature range: +5°C to +35°C

Shelf life: 12 months (store upright).

INSTRUCTIONS

Surface preparation: All surfaces must be clean, and free from oil, grease and loose materials.

Moisten surfaces well with clean water before use as this will improve both expansion and adhesion of the product.

Shake the can of foam thoroughly before application.

Commence foaming at the lowest point of the joint and proceed carefully until familiar with the extrusion rate. Fill the cavity about half full of foam as post expansion will totally fill the cavity.

After application the foam can be cut as soon as it has cured.

Uncured foam can be removed using acetone but care must be taken not to damage surfaces.

PACKAGING

700ml canister - 12 per case.

ESTIMATING QUANTITIES

As a guide, one 700ml canister will be enough for about 75 linear metres in a 20mm x 20mm joint. This amount will vary dependent on temperature and humidity.

One full can produces about 30 litres of free expanded foam.

HEALTH AND SAFETY

Please consult the Product Safety Data Sheet prior to using this product.

GENERAL

Hodgson Fire Foam is part of a full range of fire resistant sealants and tapes designed for the professional user. For further information please contact our Customer Care Team or visit our Website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.