

THERM-A-FLEX

A BRITISH BREAKTHROUGH IN INTUMESCENT FIRE SEAL TECHNOLOGY

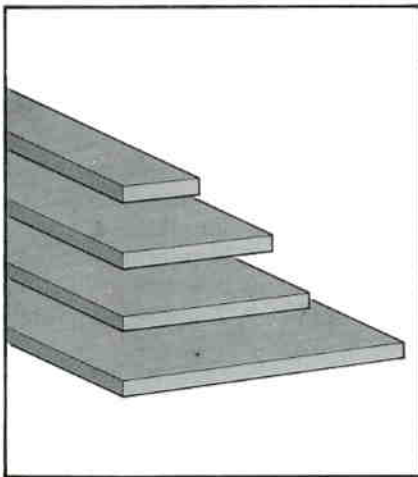
The ALL-PURPOSE intumescent material



INTRODUCTION

THERM-A-FLEX intumescent formulations represent a breakthrough in intumescent product technology. These new materials combine the simplicity of using strip sealing systems with a flexibility normally only associated with pastes and mastics.

The material will conform to accommodate tight corners, pipes or tubes, and this is one of the factors which ensures its superiority in performance and application when compared with other intumescent strip seals.



GENERAL

THERM-A-FLEX is a general purpose intumescent material offering the qualities of a high expansion foam with a firm

pressure to provide the combined attributes of existing intumescent materials.

The product is designed to withstand a full range of environmental conditions, allowing it to be used in either open or concealed situations.

The flexible nature of the material also permits it to be used for many applications where a rigid strip would be impractical.

APPLICATION

THERM-A-FLEX has been developed for general sealing applications but it is particularly suited for the following type of installation:

- sealing gaps between elements of construction;
- sealing gaps between fire resisting doors and frames, shutters, windows and the adjacent walls;
- sealing services into walls or even for sealing voids within services.

Recommendations on the amount of THERM-A-FLEX necessary for the above applications cannot be made, because this will vary according to the size of the gap or void, the nature of the bonding materials, and the period of fire resistance required.

Intumescent Seals will be pleased to offer advice on the quantity of materials likely to be needed for any specific application.

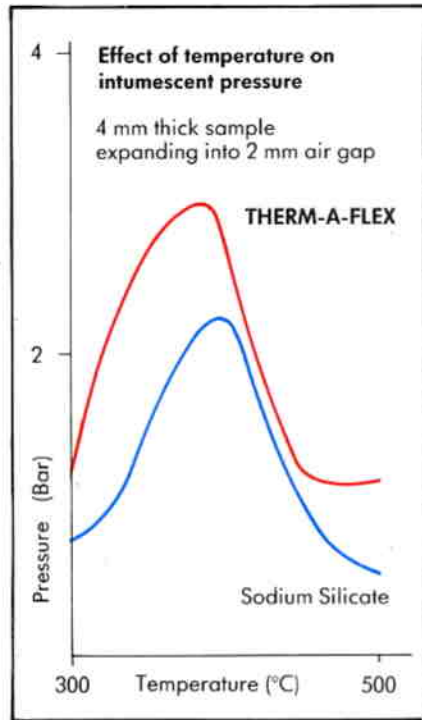
ifsa

The Intumescent Fire Seals Association



PRODUCT DATA SHEET

THERM-A-FLEX



DESCRIPTION

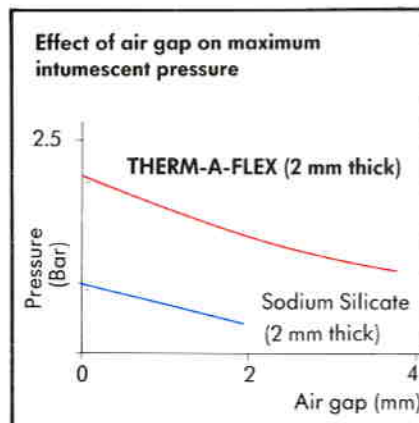
THERM-A-FLEX is formulated from a unique chemical formulation based upon expandable graphite in a binder that allows the material to flex in normal room temperatures. This flexibility reduces as the temperature nears freezing point.

THERM-A-FLEX is supplied in its natural black finish which, because of its resistance to both atmospheric moisture and carbon dioxide, requires no additional protection. The material may be decorated with a wide range of conventional finishes without impairing its performance.

AVAILABILITY

THERM-A-FLEX is available in the following sizes:

- WIDTHS – up to a maximum of 100 mm
- LENGTHS – 1050 mm and 2100 mm as standard (other lengths are available on request)
- THICKNESS – 2 mm as standard



Intumescent Seals
Unit 3, The Old Brewery,
Pampisford,
Cambridge CB2 4EW.
Telephone (01223) 832758

FAX: (01223) 837215