

# PRODUCT DATA SHEET

CI/SfB

(57.7) X (K2)

## THERM-A-STRIP

### A LOW PRESSURE FLEXIBLE INTUMESCENT STRIP FOR GLAZING APPLICATIONS

#### INTRODUCTION

The development of THERM-A-STRIP is a natural progression from the use of wet sealing compounds for general intumescent applications. The benefits of a dry system are ease of application and no problem with shelf-life.

#### GENERAL

THERM-A-STRIP is a low cost general purpose intumescent material supplied in strip form offering the qualities of a medium expansion foam, combined with a low pressure to provide an excellent sealing function.

The product is designed to withstand a full range of environmental conditions, the flexible nature of the material and its low pressure permits it to be used for many applications where a more rigid or higher pressure material would be unsuitable.

#### PERFORMANCE

THERM-A-STRIP has been developed as a low pressure intumescent material which makes it ideally suitable for protecting ironmongery within morticed areas. Equally, THERM-A-STRIP can be used for a 30 minute glazing seal in both timber screens and doors.

General recommendations on the amount of THERM-A-STRIP necessary to provide protection cannot be made because this will vary according to the size of the

gap or void to be filled and the period of fire resistance required. For 30 minute glazing, a 15mm x 2mm strip is satisfactory in doors and 10mm x 2mm is suitable for screens.

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

#### DESCRIPTION

THERM-A-STRIP is a flexible phosphate based intumescent product giving an approximate ten fold increase in volume when exposed to fire.

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

#### AVAILABILITY

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

Widths - up to 115mm.

Lengths - 1050mm or 2100mm.

Thickness - 2mm.

#### TEST STANDARDS

THERM-A-STRIP has been tested to the methodology and criteria laid down in BS476 Part 20:1987.

ifsa

The Intumescent Fire Seals Association



Intumescent Seals  
The Old Brewery  
Pampisford  
Cambridge CB2 4EW  
Tel 01223 832758  
Fax 01223 837215

*Whilst every effort has been made to ensure that the data and information in this document is correct, it does not form part of a contract. The information in this document is the copyright of Intumescent Seals and no part may be reproduced without prior permission.*