



THERM-A-SLEEVE

Product Data Sheet

Introduction

PVC pipes are commonly used in buildings for the transportation of waste water or rainwater. Where such pipes penetrate fire compartment walls or floors they must be adequately protected to maintain the fire resistance of the building's fire compartments in the event of a fire. THERM-A-SLEEVE is a simple and cost effective way of achieving and maintaining this fire resistance integrity for PVC pipe penetrations through solid constructions.

Description

THERM-A-SLEEVE consists of graphite based intumescent material preformed into the required length and width contained within a convenient polyethylene sleeve. At approximately 180°C the graphite intumescent in the THERM-A-SLEEVE begins to expand and, restrained by the surrounding solid construction generates sufficient pressure to crush the PVC pipe within in the THERM-A-SLEEVE thereby providing fire resistance protection.

Application

THERM-A-SLEEVE is suitable for sealing PVC pipe penetrations through solid constructions i.e. concrete or building blocks.

Performance

THERM-A-SLEEVE will provide fire resistance of up to 60 minutes as part of a suitable fire resisting door or compartment wall.

Availability

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

| Pipe | THERM-A-SLEEVE | |
|------|----------------|--------|
| | Height/mm | FR/min |
| 55 | 50 | 240 |
| 82 | 50 | 240 |
| 110 | 50 | 240 |
| 125 | 75 | 240 |
| 160 | 75 | 240 |
| 200 | 75 | 120 |
| 250 | 75 | 120 |

Test Evidence

THERM-A-SLEEVE meets the performance requirements noted above in accordance with BSEN1363-1:1999, BSEN1363-3:2004 & BS476-20:1987

Copies of test reports and other performance evidence are available on request.

Contacting Us

Intumescent Seals
Unit 3
The Old Brewery,
Pampisford,
Cambridge,
CB22 3EW
England.

Tel. (01223) 832758
Fax (01223) 837215
info@intumescentseals.co.uk
www.intumescentseals.co.uk



Intumescent Fire Seals Association



* Colours may vary slightly between examples illustrated in print, online and actual examples - which will depend upon lighting conditions in situ.