



INTUMESCENT PUTTY - Installation Guide



Introduction

The purpose of this document is to give guidance to approved contractors and suppliers who are engaged in the fire stopping of service penetrations in walls and floors using the Astro intumescent putty.

All service holes through floors and compartment walls must be fire stopped to prevent the passage of fire, smoke and hot gases.

- Prevent The Spread Of Fire, Smoke And Hot Gases Through A Building By Containing It In The Compartment Of Origin.
- Maintain The Integrity Of Escape Routes From A Building.
- Reduce Loss Or Damage To Property From The Effect Of Fire And Smoke.
- Maintain Pressure Differential Between Compartments And Ventilation Channels.
- Suitable For Wall Or Floor Installation.
- Fire Barrier For Up To 4 Hours To BS 476 Part 20
- EN1366-3

THE ASTRO PUTTY SYSTEM

Astroflame Putty is a one-part intumescent putty suitable for fire barriers up to 6 hours. NHBC Type Approval.

The fire barrier remains flexible allowing thermal and mechanical movements of services through wall/floor openings.

The suitable services penetrations are as follows:

- PVC, Rubber And Mineral Armoured Or Un-Armoured Cables.
- Single And Multi-Core Cables To BS 6004:1975, BS 6346:1969, BS 6007:1975, BS 6346:1969, BS 6007:1975 And BS 6207:Part 1, 1969.
- Multi-Pair Conduits (Steel) And Up To 50mm Square Cable Trunks (Steel)

Astro Putty is supplied in 1 kilo tubs.

Installation

- Estimate The Number Of Turns Required = Annular Gap (Mm).
- Clean All Loose Material And Foreign Matter On The Cable And Within The Opening.

- Remove The Release Paper And Wrap Putty Firmly On The Cable To The Required Depth And Number Of Turns.
- Pull Cable Gently Through The Opening And Mould The Exposed Face Flush To The Wall/Floor Surface Ensuring No Visible Gap Is Present To The Naked Eye.
- Inspect The Workmanship Of The Barrier, And Maintain Records Of Material Identification, Seal Depth, Fire Barrier, Date Of Installation Etc. To Required Quality Standard.
- If Cable Trunk Is Involved Apply Putty Inside The Trunk To The Same Seal Depth As Outside.

Compliance

Astro Intumescent Putty is manufactured in the EU, meeting the highest quality standard in compliance with ISO 9001:2000. For fire test certification contact astroflame fireseals technical department

Fire Test Or Assessment Reports

BS Standard 476 part 20
EN1366-3

Storage And Disposal

Avoid direct skin and eye contact. Overalls safety glass and gloves are recommended during handling of this product.

Any wastage after use is considered non-hazardous at normal temperatures and therefore dispose as non-hazardous industrial waste. Observe local/national legislations regarding waste disposal.

This product is and therefore shelf life is 1 year. Store in cool dry conditions indoors. Ideal storage between 10 and 30oC

For additional testing, certification or technical information please contact ASTROFLAME FIRESEALS LTD.

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