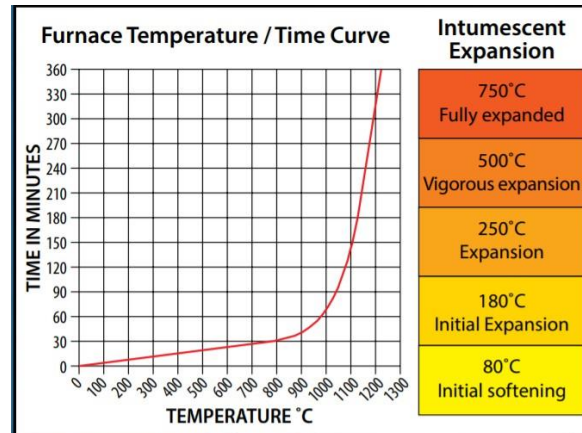


R60 Intumescent Fire Tape Data Sheet

The R60 Intumescent Fire Tape is one of the most versatile intumescent products on the market giving the benefits of flexibility and resistance to atmospheric degradation. No special protective measures are necessary to ensure that this product will expand on heating when required to do so. The highly flexible material will conform to accommodate tight corners where it is impossible or difficult to use other rigid intumescent strip products.

FURNACE TEMPERATURE / TIME CURVE



EXPANSION RATIO

The R60 Intumescent Fire Tape is a general-purpose intumescent material, based on expandable graphite that will expand more than 20 fold when heated.

FIELD OF APPLICATION

The R60 Intumescent Fire Tape has been specifically designed for use in the following applications:

1. Surface mounted applications.
2. For use single and double action timber doors.
3. Insulated and non-insulated steel doors and frame.
4. New build and retro-fit applications
5. Inner material for Fire Collar and Fire Damper

PRODUCT FEATURES

1. Could be supplied with or without an acrylic self-adhesive backing.
2. Intumescent material is high-pressure and multi-directional.
3. Intumescent material is totally unaffected by water, robust, 'non-flaking' and difficult to tear.
4. Intumescent material is black in color

PRODUCT DATA

The R60 Intumescent Fire Tape is available in the following standard sizes:

10mm x 2mm, 20mm x 2mm, 30mm x 3mm.

Widths up to 150mm and other thicknesses up to 12mm are possible.

It is also possible to manufacture other profiles for incorporating into specific customer products.

PRODUCT TESTING

The R60 Intumescent Fire Tape have been extensively tested in the UK, Europe and worldwide, to national and international standards. Which meets the requirements for BS476 Part 22, EN 1634-1: 2014 and UL 10C (2009).

TECHNICAL DATA

Chemical composition: The active element is high-pressure forming, multi-directional expandable graphite contained within a high performance durable polymer.

Adhesive performance: Adhesive type: High performance modified acrylic.

Thickness: 205 microns.

Temperature resistance: +200°C short term, +100°C long term.

Tensile strength: >30N/15mm.

Humidity resistance: Very good.

Solvent resistance: Very good.

Ageing resistance: Very good.