



Intumescient Seals

Fire and Smoke

RP63



A combined intumescient fire and smoke seal which is heat activated. It is unobtrusively set into a machined grooved (30x7mm) around perimeter of timber frame or door edges.

There are a variety of trim selections available for the seal and it can be rebated in the latch area to allow the continuation of the fin section of the seal past the latch area. The smoke seal is achieved by a pair of silicon fins that seal between the door and the frame.

Dependent on application, fire ratings of one to two hours have been certified by fire door manufacturers using RP63 intumescent fire and smoke seal.

Location

Morticed into the door or frame around stiles and head.

Min/Max Gap 2 to 3mm.

Seals Sizes 2100mm & 2400mm.

Standard Finish Aluminium anodised 15 microns. Satin Clear (Silver), Bronze Finish.

P.E. Paint (extra cost). Is a two pack polyester enamel colour match finish which is equal to or exceeds powdercoat finish.

Fixing Method Adhesive (by installer).

Seal Sizes Intumescent infill.

Used in conjunction Raven Si rated door bottom smoke seals, or nylon brush strip seals for pivot doors.

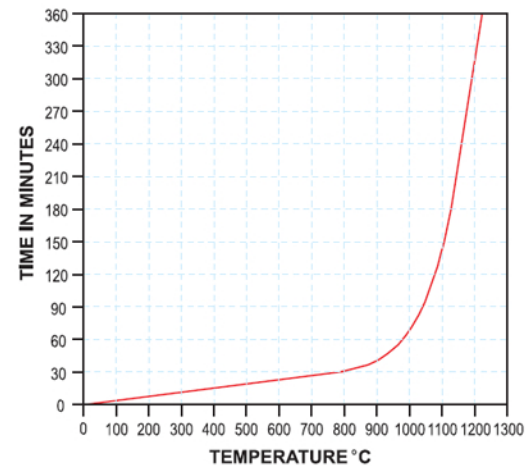
Approvals

Fire & Smoke AUS/NZ:

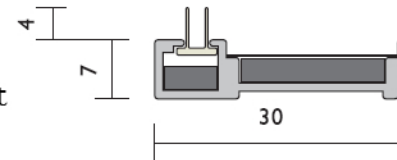
Conforms to BCA Spec. C3.4. Tested to AS 1530.4 & AS/NZS 1905.1.

UK/EU: Conforms to Approved Document B. (Tests above are similar to BS EN 1635.1, BS 476 Part 20 & 22).

Furnace Temperature / Time Curve



750 °C
Fully expanded
500 °C
Vigorous expansion
250 °C
Expansion
180 °C
Initial expansion
80 °C
Initial softening



Trim Selection



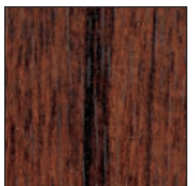
Antique White



American Oak



Teak



Rosewood