Intumescent Fire Seals 🔥

RP114

RP114 is a door bottom intumescent fire and hot smoke seal that is designed to salvage non-compliant fire doors where clearances exceed 10mm under fire doors as per AS/NZS 1905.1.

The simple retrofit design avoids costly door replacement and the need to remove the door during installation.

RP114 is approved for use on leading proprietary fire doors.

Note: RP114 should just clear the floor during door opening and closing. To avoid the seal fouling on uneven or sloping surfaces, the finned gasket portion should engage an approved Raven threshold plate. This will enhance the other icon sealing functions.

Location: Bottom of fire and smoke doors. Minimum door thickness of 35mm. For garage doors, use two seals.

Min/Max Gap: 14mm to 20mm (without threshold plate).

Finish: Satin clear (silver) or bronze anodised aluminium (15 µm).

Fixing: Screw fix. Zinc plated, cross recess head S.T. screws supplied.

Seal: Intumescent infill, grey flexible PVC (SE) cover strip and RP304Si finned silicon rubber gasket.

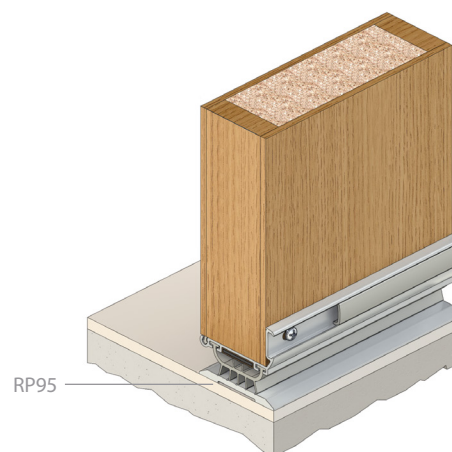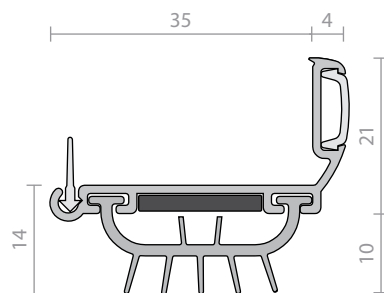**Sizes:** 1220mm, 920mm, 820mm.

Approvals

Fire AUS/NZ: NCC Spec. C3.4 for fire doors. AS1530.4 & AS/NZS 1905.1. NZ BC Compliance Doc. C/AS1 6.19.2(a) & App. C6.1.1.
UK/EU: Approved Document B. (Tests above are similar to BS EN 1634-1 & BS 476 Pt. 20 & 22).
FRL & FRR-/240/60 and FD240. 🔥

Energy NCC Pt. 3.12.3.3 & J3.4.

RP95

RP121

An effective fire, smoke and acoustic seal designed for single action fire doors. The RP121 is a twin section bullnose T bar aluminium astragal seal with an intumescent infill and smoke seal.

Location: Meeting stiles of pairs of 47mm nominal thickness single action fire doors.

Min/Max Gap: 13mm to 16mm (prior to installation).

Finish: Satin clear (silver) anodised aluminium (15µm).

Fixing: Screw fix. Zinc plated, cross recess head CSK S.T. screws supplied.

Seal: Concealed intumescent infill and RP124 smoke seal.

Sizes: Available in stock lengths.

Approvals

Smoke NCC Spec. C3.4. AS1530.7 & BS EN 1634-3. Meets smoke leakage rates specified in AS6905 & EN 13501-2 "Sa", "Sm".

Energy NCC Pt. 3.12.3.3 & J3.4.

Perimeter Seals