

# Astragals

## Meeting Stile Seals

Astragal is a term used for the seal that seals the central joint between two swinging doors, the joint being known as the 'meeting stile'. A number of extra problems have to be faced when sealing a meeting stile. These include whether or not the seal will interfere with the centre latch, door closers, flush bolts and bottom seals.

### RP16Si



RP16Si is an acoustic, smoke astragal. Its proven design is effective in sealing the meeting stiles of plain or rebated double doors. Its aluminium trim neatly conceals the sealing portion of the seal and provides a secure weatherproof rebate stop. If necessary, its aluminium fixing leg can be checked out to allow for locks and latches.

For maximum acoustic performance, specify two seals, i.e. one for each door leaf. (Minimum door thickness subject to centre latch and dimensions of morticed door bottom seals).

RP16Si is used where one door leaf is active. For smoke door magnetic hold open applications such as hospital corridors, sequence select door closers are required.

**Location:** Meeting stiles of double butt hinged doors.

**Min/Max Gap:** 2.5mm to 8mm.

**Finish:** Satin clear (silver), bronze, black anodised aluminium (15µm) or paint at extra cost.

**Fixing:** Screw fix. Zinc plated, cross recess head CSK S.T. screws supplied. Can be rebated or surface mounted. Fixing holes are pre-drilled

**Seal:** RP316Si. Grey or black silicon rubber (SE).

**Sizes:** Available in stock lengths.

#### Approvals

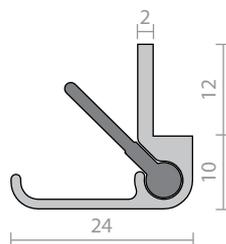
ANSI/BHMA A156.22

**Acoustic AUS/NZ:** NCC Spec. F5.5.  
**UK/EU:** Approved Document E. Rated to BS EN ISO 717-1.

**Fire** Gasket flammability index 1 when tested to AS1530.2.

**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.



### RP37



A simple heavy duty 'T' section to provide security for meeting stiles.

**Location:** Meeting stiles of doors.

**Finish:** Satin clear (silver) anodised aluminium (15µm) or paint at extra cost.

**Fixing:** Screw fix. Zinc plated, cross recess head CSK S.T. screws supplied. Fixing holes are pre-drilled.

**Sizes:** Available in stock lengths.

