

Silicon Weather Stripping - RP500 Series

Joinery Seals for Doors and Windows



Fitted into wooden kerf grooves, Raven silicon weather stripping can be used in all door and window joinery systems that require a premium quality, low closing force compression seal. Raven silicon weather stripping can also be used in aluminium and PVC proprietary systems where channel dimensions and clearances suit.

By the virtual elimination of compression set distortion (-60°C to +200°C), Raven silicon weather stripping increases life cycle sealing performance over traditional, plastic covered foam strips that may become hard and brittle. Raven silicon weather stripping has exceptional abrasion qualities that include improved resistance to UV, biological and chemical deterioration. When fitted correctly, Raven silicon weather stripping will not shrink and for ease of maintenance, can be removed and reused. This feature is well appreciated by painters and maintenance people.

Importantly, Raven silicon weather stripping offers improvements in air and rain infiltration performance, particularly where lower closing forces are required to meet new building regulations for energy efficiency and acoustic performance or where access and mobility is important.

*Note: For Bushfire **Ember Attack** refer Raven product selection table on [page 29](#).*



Approvals

Acoustic AUS/NZ: NCC F7D6.

UK/EU: Approved Document E. Rated to BS EN ISO 717-1.

Weather AUS/NZ: NCC various sections. AS2047, AS4055, AS 4420 Pt. 0 to 5 & AS/NZS 1170.

UK/EU: Approved Document L1 & L2. Tests above are similar to BS 5368 & BS 7386.

Energy ABCB Housing Provisions Standard 2022 13.4.4 & NCC J5D5.

RP500

Location: Aluminium, PVC or timber door and window frame grooves where dimensions suit.

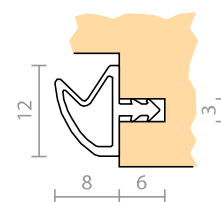
Compression: 1mm to 3mm.

Finish:* White, brown or black.

Fixing: Push-in locking fit into a 3mm x 6mm deep kerf groove.

Sizes: 100m, 24m.

Approvals: Acoustic, Weather & Energy.



RP510

Location: Aluminium, PVC or timber door and window frame grooves where dimensions suit.

Compression: 1mm to 2mm.

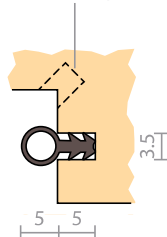
Finish:* White, brown or black.

Fixing: Push-in locking fit into a 3.5mm x 5mm deep kerf groove.

Sizes: 100m, 24m.

Approvals: Acoustic, Weather & Energy.

Optional fitting detail



RP520

Location: Aluminium, PVC or timber door and window frame grooves where dimensions suit.

Compression: 1mm to 3mm.

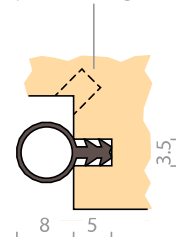
Finish:* White, brown or black.

Fixing: Push-in locking fit into a 3.5mm x 5mm deep kerf groove.

Sizes: 100m, 24m.

Approvals: Acoustic, Weather & Energy.

Optional fitting detail



RP530

Location: Aluminium, PVC or timber door and window frame grooves where dimensions suit.

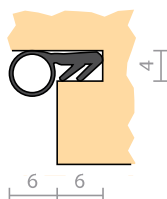
Compression: 1mm to 2mm.

Finish:* White, brown or black.

Fixing: Push-in locking fit into a 4mm x 6mm deep kerf groove.

Sizes: 50m, 24m.

Approvals: Acoustic, Weather & Energy.



RP540

Location: Proprietary aluminium or PVC door and window frame grooves where dimensions suit.

Compression: 1mm to 3mm.

Finish:* Black.

Fixing: Slide fit into aluminium or rigid PVC groove where dimensions suit. (Channel not supplied).

Sizes: 100m, 24m.

Approvals: Energy.



Recommended groove dimensions. Channel not supplied.

RP550

Location: Aluminium, PVC or timber door and window frame grooves where dimensions suit.

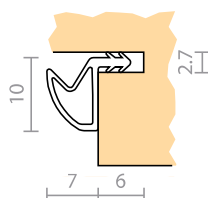
Compression: 1mm to 3mm.

Finish:* White, brown or black.

Fixing: Push-in locking fit into a 2.7mm x 6mm deep kerf groove.

Sizes: 100m, 24m.

Approvals: Weather & Energy.



RP560

Location: Aluminium, PVC or timber door and window frame grooves where dimensions suit.

Compression: 1mm to 3mm.

Finish:* White, brown or black.

Fixing: Push-in locking fit into a 2.7mm x 6mm deep kerf groove.

Sizes: 100m, 24m.

Approvals: Weather & Energy.

