

RP78Si

FITTING INSTRUCTIONS

Door Frame Seal

Anti-microbial Silicon Gasket



Category J gaskets for use with Listed steel frames and/or Classified steel covered composite, hollow metal doors rated up to 3 hrs; wood and plastic covered composite doors rated up to 1-1/2 hrs; and wood core doors rated for 20 minutes.

DETAILS

LOCATION

Head and jambs on single or double butt hinged doors.

MIN/MAX GAP

0mm to 6mm.

SEAL MATERIAL

Silicon Rubber.

FIXING METHOD

Zinc plated, cross recess head S.T. screws of the appropriate size are supplied.

ADDITIONAL DETAILS

SEAL LENGTHS

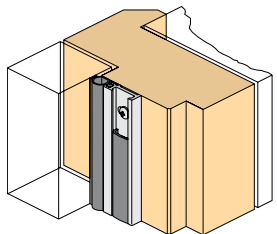
Available in stock lengths or door set sizes.

USED IN CONJUNCTION

RP8Si, RP16Si, RP35Si, RP38Si, RP70Si, RP99Si, RP126Si, RP127Si & RP128Si.

REPLACEMENT SEAL

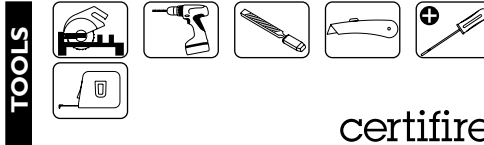
RP394Si.



DESCRIPTION

A medium temperature smoke door frame seal that has been tested to **AS/NZS 1530.4**, **AS/NZS 1530.7 & ISO CD 5925-1** and satisfies the requirements of **AS/NZS 1905.1** and conforms to **NCC S12C4 200°C** Medium temperature smoke. Equivalent to **BS 476 Part 20 and 22**.

It is an acoustically designed smoke seal for installation on door stops and it can be mitred or butt jointed. Its aluminium carrier is sturdy and slotted for adjustment with concealed fixings. It is quick and easy to install around the jamb and head and can be fitted without removing the door.



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Part No. ZSDSRP78Si

INSTALLATION

NOTES

- » If a face mounted door bottom seal is to be fitted, fit the RP78Si to the door frame first. (user determined) (FIG.2)
- » If fixing to rebated frames of single doors, a long backset door latch may be necessary.
- » Precise cutting measurements are important particularly at the corner joints.

STEP 1 Remove cover strip and slide gasket back when machine cutting to size. This avoids gasket damage. Machine cut the aluminium to size. (FIG.1) RP78Si can be mitred or butt jointed.

STEP 2 Cut gasket and cover strip to size with a utility knife.

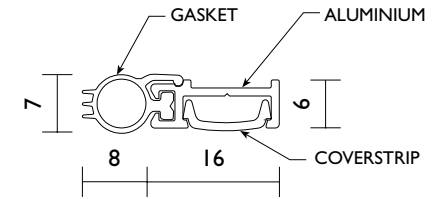
STEP 3 With the door closed and the cover strip removed, position the seal at the head of the door first. The door should rest lightly against the RP78Si gasket. Lightly screw fix in the centre of every adjusting slot. Proceed to fit the seals. (FIG.2)

STEP 4 Shut the door and adjust the seal to ensure a consistent seal all around. A tight seal is not necessary. The door should just firmly hold this sheet of paper to ensure a perfect seal.
Note: For smoke doors adjust to allow 3mm compression at the head and latch side.

STEP 5 Open and shut the door to check for correct latching. Tighten all fixing screws.

STEP 6 Push in the seal cover strip.

FIG. 1



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FIG. 2

