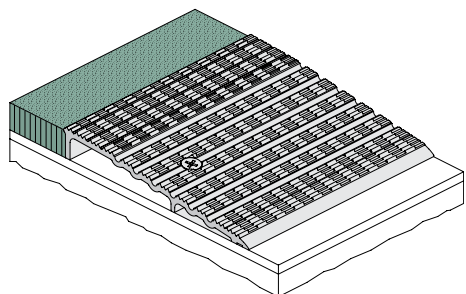
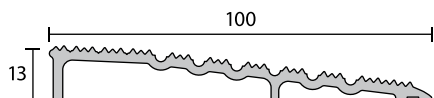


RPI 70



FITTING INSTRUCTIONS

Threshold Ramp



A heavy duty threshold ramp with a ribbed design which can be positioned back-to-back to form a two-way threshold ramp conforming to NCC D3D16 (b) (**FIG.4**) **PAGE 2.**

Can be used in conjunction with Raven door bottom seals to prevent rain, draughts, noise and smoke infiltration. Suitable for use with most floor pivots.

Ideal for commercial shop fronts providing a neat ramp detail between carpets or tiles at door ways.

Can also be used to provide a ramped frame for internal door mats.

Note: when ordering, specify longer length than doorway to allow for neat installation around door frame.

DETAILS

LOCATION

Door sill or used to provide a ramp frame for internal door mats.

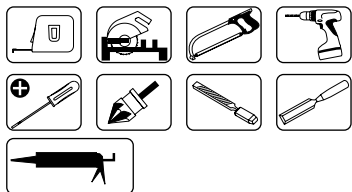
FIXING METHOD

Zinc plated, cross recess head CSK S.T. screws of the appropriate size and colour are supplied, or it can be fastened with adhesive (by others).

USED IN CONJUNCTION

Raven door bottom seals.

TOOLS



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Raven Products is an
ISO9001 QMS company
certified by SGS

Designed and produced by
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(Australia)

Made in P.R.C. by Raven

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Part No. ZSDSRPI70

NOTES

- » If installing a door bottom seal, refer to door bottom seal instructions for correct fitting location of the threshold ramp (user determined).
- » It may be necessary to check out the threshold ramp ends to allow for the door jambs/stops. Where the threshold ramp meets the door jamb/stop, sealant may be applied (user determined).
- » If threshold ramp protrudes from doorway, it may be necessary to provide a side return to comply with AS1428.1:2009 Part 10.5 / AS1428.1:2021 Part 7.5. Cut ends at 45° to create a mitre join, or a cement/grout ramp can be made (user determined) (FIG.5).
- » Can be fixed with high strength, multipurpose polyurethane adhesive such as Sikaflex I IFC or equivalent.

STEP 1 Machine cut threshold ramp to required length to suit application (FIG.1 & FIG.3).

Note: Use a length wider than door opening to provide a side return for a neat detail at door frame (user determined) (FIG.5).

STEP 2 Check out threshold ramp ends to allow for door jambs/stops (user determined) (FIG.1 & FIG.3).

SCREW FIXING

STEP 3 If screw fixing, drill and countersink threshold ramp to suit screws supplied.

STEP 4 Position threshold ramp to suit application (FIG.1 & FIG.3).

STEP 5 Drill pilot holes to suit (drill and plug for concrete). Drive screws in firmly but do not overtighten.

Note: If screw fixing in exposed external coastal areas, substitute the supplied fixing screws with equivalent stainless steel screws.

STEP 6 Apply silicon sealant to seal at sill (by others) (FIG.2).

ADHESIVE FIXING

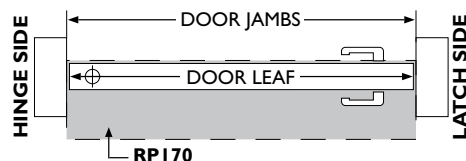
STEP 7 If adhesive fixing, apply builders adhesive to ribbed underside of threshold ramp (refer notes) (FIG.2).

STEP 8 Adhesive fix threshold ramp in position to suit application.
Note: Apply weights along length of threshold ramp to ensure full contact with surface is made during curing process.

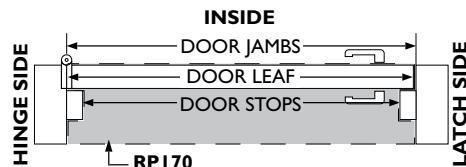
FIG.1

PLAN VIEWS

PIVOT DOOR



BUTT HINGE DOOR (INWARD OPENING)



BUTT HINGE DOOR (OUTWARD OPENING)

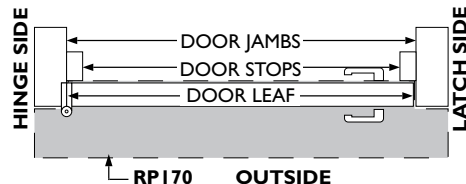


FIG.2

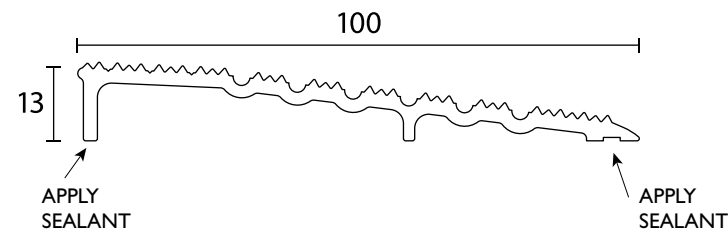


FIG.3

Where disabled access is a requirement under NCC D4D3, the door bottom seal combination **RP4T** and **RP170** can be used. Conforms to AS1428.1:2009 Part 10.5 / AS1428.1:2021 Part 7.5.

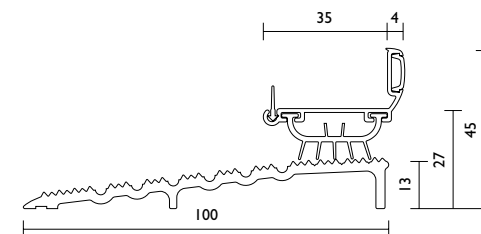
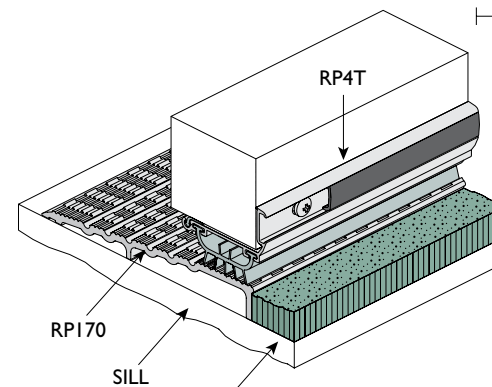
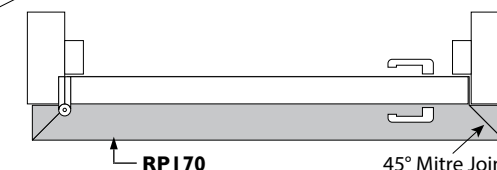


FIG.5

SIDE RETURN DETAIL PLAN VIEW



NOTE: CARPET OR TILES SHOULD BE LOWER THAN HEIGHT OF RP170 TO AVOID SWEEP SEAL FOULING SURFACE.

FIG.4

Position back-to-back to provide a two-way threshold ramp.

