



# Sealmaster Cyclone

## APPLICATION GUIDE

### Applications

A versatile threshold seal combination with hidden fixings and options to suit nearly all hinged and pivoted doors.

### Relationship with other products

To seal the gaps around the door effectively these thresholds should be used in conjunction with one of the Sealmaster range of stop seals such as the surface mounted **Sealmaster Blizzard** or the recessed **Sealmaster Deluge**

The gap between the two leaves of double doors should be sealed along the face of the door with an appropriate meeting stile seal such as **Sealmaster Tempest**. The gaps around double swing or pivot doors should be sealed with an appropriate seal such as the **Sealmaster Typhoon**.

### Inward opening doors

#### Sheltered single inward opening doors

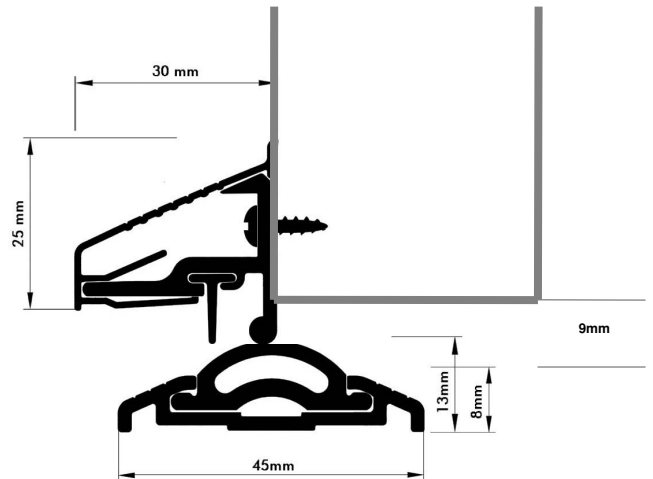
The door stop seal must be fitted down to the sill and the threshold should be notched around it.

The weatherboard should be screwed to the external face of the door. It is provided with oversized holes to allow fine adjustment. It should be fitted up to the leading edge of the stop seal blade.

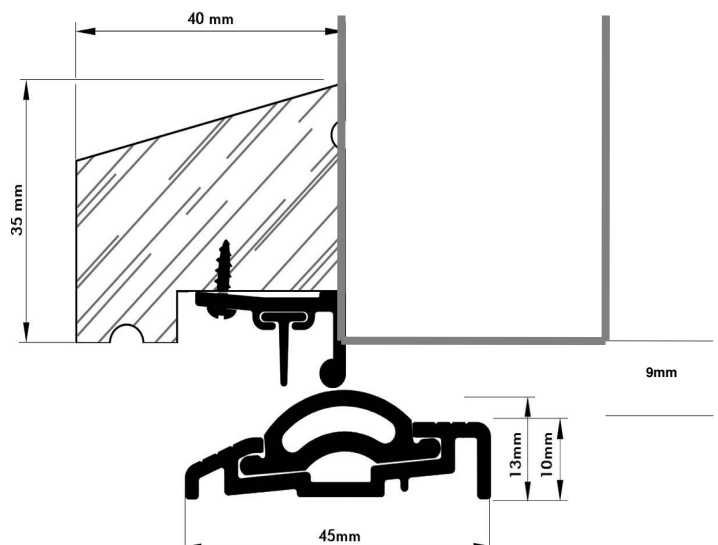
#### Sheltered pairs of inward opening doors

The meeting stile seal should be carried to the bottom of the door, and the weatherboard cut to fit around it and the joint sealed with silicone sealant.

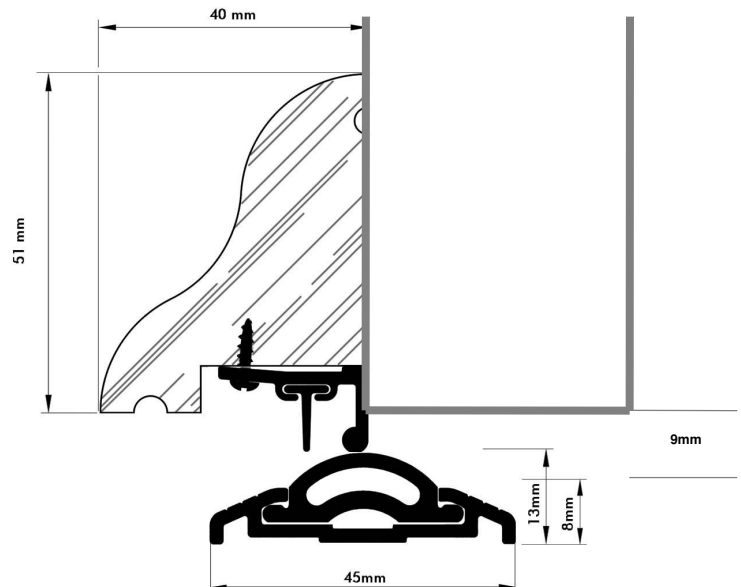
The doors may need to be fitted with a door selector to ensure the correct leaf closes first. In order to reduce water penetration between the weatherboards fitted to each of the doors, the gap between them should be kept as small as possible. They should both be cut at an appropriate angle to compensate for the radial throw of the door.



TE threshold with WD weatherboard



TD threshold with WE weatherboard



TE threshold with WF weatherboard

# Sealmaster Cyclone



## External exposed and internal doors

The Cyclone / contact strip combination seals give excellent performance in many circumstances but particularly when used on external doors, both inward and outward opening single and double leaf doors. This stems from its fixing position which lines up with the inside face of the door rather than the outside. Cyclone seals are recommended for the most exposed situations as its vertical upstand gives excellent weatherability but still allows wheelchair access. The adjustable contact strip, CB or CD is fitted to the inside face of the door. The threshold TD or TE is positioned so that the internal face of the door is located over its centre line. The threshold is notched around any fitted door stops. Any fitted door stop seals are cut to finish on top of the threshold.

## Double swing and pivot doors

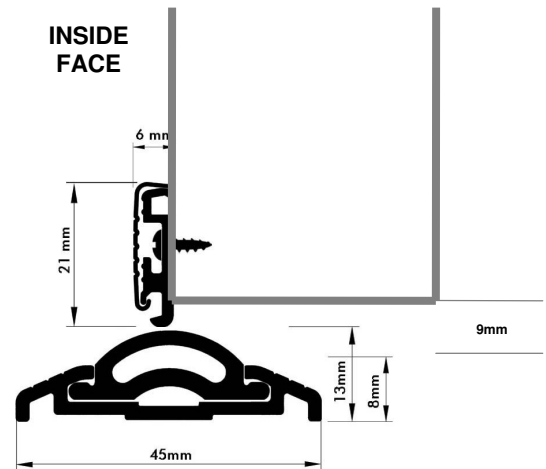
The adjustable contact strip, CC is fitted to the inside face of the door. The threshold TD or TE is positioned so that the contact point of the contact strip CC is located over its centre line. Where floor springs are used the threshold is cut to enable the cover plate to be lifted for maintenance without disturbing the whole seal.

## Drainage, bedding & additional protection

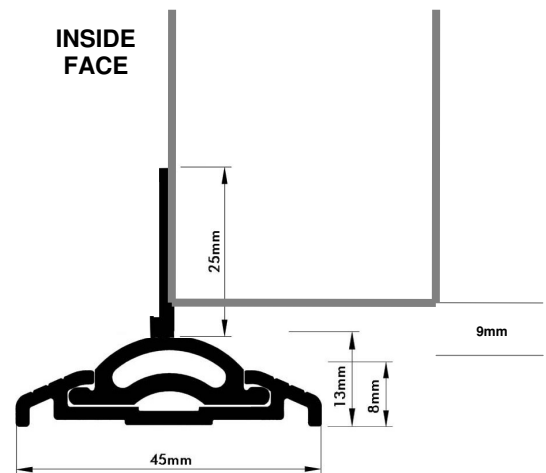
The threshold and adjustable contact strip are bedded in and notched ends of the threshold sealed with silicone sealant.

## Fixings

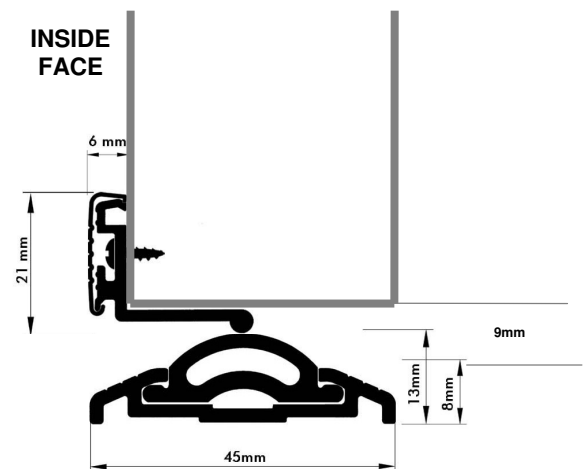
Threshold – 1” No. 6 countersunk screws.  
 Contact strip - ½” No.4 pan headed screws.



**TE threshold with CB contact strip**



**TE threshold with CD contact strip**



**TE threshold with CC contact strip**

SM AG003 06/05