





### **Bottom of sectional door seal**

Provides a concealed bottom of door seal to ground surface, reflecting water and debris from entering the garage without interrupting the face appearance of your garage door.



# **Viper components**

The Viper door seal is a new addition to the Cleverseal range of bottom of door seals.

Specifically designed for use on Sectional Garage Doors, Viper is a concealed to ground surface seal which deflects water and debris from entering the garage, without interrupting the face of the garage door.

Installed onto the inside of the Sectional Door, Viper features snap off grooves for faster and easier DIY.

Unlike generic rubber seals that come fitted onto the door when purchased, Cleverseal Viper brush has a UV stabilised bristle brush system which is purposely fitted into the front of the carrier, protecting the rubber blade from the harsh rays of the sun.

Sealing out hot and cold winds along with conforming to bushfire zone requirements with the option of flame retardant brush available.

A cost-effective solution to bottom rubber strips worn out by the elements, Viper keeps out dust, draughts, bushfire embers\*, crawling and slithering insects and pests.

Cleverseal Viper creates a streamlined and clean appearance to the front of the garage door.



Viper with standard dust 40mm front brush seal will mould to any surface.

Brush also available 50mm in dust and flame retardant



Viper standard 40mm santoprene back seal will reflect water.

Santoprene seal also available in 50mm sizes.



## **Tools Required and Safety Notice**

#### **Recommended tools for installation**

- Measuring tape
- Pencil marker
- Hacksaw
- Metal file
- Cordless drill with phillips head
- Quick grips
- Industrial scissors to cut rubber
- Side cutters to cut brush

#### SAFETY

Safety glasses, gloves and ear protection to be worn.

#### WARNING

It is vital for the safety of persons to follow all instructions.

During the installation procedure ensure children and any other person/s not directly involved with the installation procedure, are kept clear of the work area and well away from the garage door opening area.

Failure to comply with the installation instructions and safety warnings may result in serious personal injury or damage to property.

Please save these instructions for future reference.









#### **Step 1** Clean and prepare area

Ensure your Viper seal will cover the gap.

Lift your garage door to an acceptable height for installation and switch off motor to avoid accidental operation. Remove the old rubber seal by cutting away the rubber at the front and back sides. Then give the bottom of the door a good clean with a cleaning brush.

#### **Step 2** Measure up and cutting to size

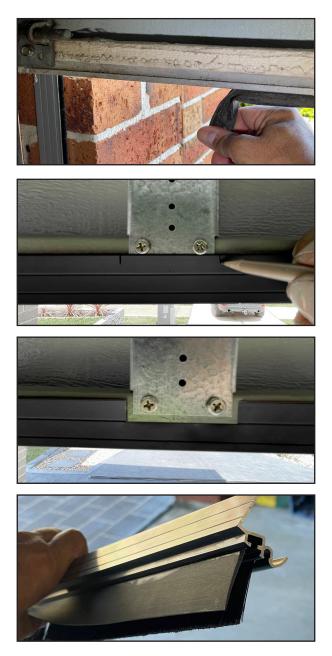
Measure the total width of the sectional garage door. Mark the measurement on the Viper seal and remove the provided brush and rubber seal in preparation to cut the aluminium carrier. Then proceed to cut with a hacksaw and remove any sharp edges.

On some door types you may need to notch around some brackets. Hold the Viper carrier to the bottom of the door with some quick grips. Locate existing brackets and translate these areas onto the back face of the vertical leg of the Viper carrier. Remove carrier from the door. With your hacksaw, cut vertically down to the appropriate snap off groove. Then simply snap off to create a notch around those brackets. File away any sharp ends with a metal file.

Once you are finished cutting and notching the carrier, insert the brush and rubber blade back into place.

You will need to cut the brush to size with some side cutters and the rubber blade with some strong scissors. Do not cut the rubber at the join, if you are using two lengths of Viper.

With everything cut and seal kit assembled, the Viper seal is ready to install.





#### **Step 3** Installing Viper

Using your clamps, hold the Viper seal in place at the bottom of the door.

Hold the Viper seal into position and proceed to screw the provided self-tapping fixings through the Viper carrier on the back vertical leg into the door. Estimated 30mm from either end, from any notch and any joining ends. Then 300mm between each fixing along any full-length Viper seal.



#### **Step 4** Check your seal

Your Viper seal should be flush up against the bottom of the door with no loose sections. The brush and rubber seal should be angling towards the outside of the door so they compress against the floor evenly across the seal.



#### **Step 5** Test your new seal

Once you have cleared away all tools for installation and it is safe for normal garage door operation, turn your garage motor back on to test. Your garage door should operate as per normal and any gaps at the bottom of the door are now sealed.

If the door automatically retracts from pressure to the ground, or seal is not quite pressed to the ground, you may need to adjust the travel on the garage door motor to suit any minor difference the new seal has added. See the garage door motor manual or you can download the manual from the internet by checking brand and model number.





# **Secure Positioning**

To ensure this we recommend you leave your garage door closed for 24 hours so the rubber memory holds its position for continuous use and efficiency.





# **Need help?**

Call: 1300 887 438 email: info@cleverseal.com Visit: www.cleverseal.com

#### Other products in the Cleverseal range

- Top of garage door seals
- Garage Side seals
- Bottom of garage door seals
- Commercial shutter/shed seals
- Flame retardant seals

Available in single lengths or kit sets to suit your garage door type and size.

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#### Warranty and exclusion of liability

Please visit our terms and conditions at the below link https://cleverseal.com/warranty/

