



The Asec Garage Defender is designed to help prevent tilting / up-and-over garage doors from being opened. It features steel construction, a black finish and is supplied with a 5-pin puck-style padlock, 2 keys, 2 ground security bolts and protective end caps.

WHAT'S INCLUDED



1 x Garage Defender



1 x 5-Pin
Puck Padlock
2 x Keys



2 x M10 x 70mm
Ground Security Bolts



2 x Protective
End Caps

TOOLS REQUIRED



Concrete
Drill



10mm
Drill Bit



16mm
Concrete
Drill Bit



Hammer



Dust Removal
Equipment



Torque
Wrench



Measuring
Equipment

IMPORTANT - READ BEFORE INSTALLATION

- The defender must be fixed into good, solid concrete using the supplied security fixings.
- Before drilling, position the defender so that the garage door can open freely without striking the padlock lug or defender.
- Only two fixing points are required.
- If the base plate does not sit correctly beneath the closed door, it may need to be recessed into the concrete so that it sits flush with the surrounding surface.
- If the garage entrance is tarmac, provide a suitable solid concrete base for the fixings. Do not rely on tarmac alone.

CONCRETE INSTALLATION

1 Position the defender

Place the defender immediately in front of the garage door. With the defender unlocked and the security bar/lug clear, open the garage door fully to confirm that the door does not foul the defender.

2 Mark the fixing points

Place the base plate as a template. Mark through the centre of the two fixing holes onto the concrete using a pencil or marker.

3 Initial drilling

Drill through the two selected fixing holes using a 10mm diameter concrete drill to approximately 10mm depth.

4 Prepare the fixing holes

Remove the base plate. Re-drill the two holes using a 16mm diameter concrete drill to approximately 90mm depth. Remove all dust and debris from the holes.

5 Prepare the security fixings

Insert the two supplied ground security bolts through the base plate in accordance with the fixing design. Ensure the fixing components are correctly seated.

6 Install the base plate

Align the fixings with the prepared holes and carefully tap the base plate down until it sits flush with the concrete surface.

7 Tighten the fixings

Tighten the two security fixings evenly using a torque wrench. The reference fitting specification is 25–30 lbf-ft (33–40 Nm). Do not over-tighten.

8 Test the installation

With the garage door closed, fit the security bar/lug and lock the supplied puck-style padlock. Remove the padlock and security bar and operate the garage door several times to confirm there is no interference.

USING THE GARAGE DEFENDER



TO SECURE THE GARAGE

1. Close the garage door fully.
2. Position the security bar/lug correctly.
3. Fit and lock the supplied puck-style padlock.
4. Check that the padlock is fully closed and secure.



TO OPEN THE GARAGE

1. Unlock and remove the padlock.
2. Remove/clear the security bar or locking component.
3. Open the garage door, checking that it clears the defender.

MAINTENANCE



Lubricate the locking mechanism and sliding bolt regularly.



Keep the base plate and locking components free from excessive dirt and debris.



Periodically check that the fixings remain secure and that the defender and padlock operate correctly.

SECURITY NOTE



For the defender to provide its intended security function, the fixing points must be installed into sound, solid concrete and the installation must not interfere with the operation of the garage door.

If the substrate is cracked, weak, hollow or otherwise unsuitable, seek professional advice before installation.