

# PVCu Ventilation Lock

To fit the PVCu Ventilation Lock the following tools are required:

- A drill

**For windows with reinforcing:**

- A 3mm drill bit
- Self tapping screws
- Suitable screws

**For windows without reinforcing:**

- A 9mm drill bit
- Electric Screwdriver
- 35mm M5 machine threaded screws
- Jack Nuts (Screws that open once inserted into fixing position)

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## OPEN-IN WINDOWS

### Sliding bar base

- Locate the ventilation lock onto the section leaving approximately 18mm between keep base and sliding bar base. The ventilation lock should be placed where the operator can easily reach it
- Fix the sliding bar base to the moving part of the window (sash). Once located correctly, drill 3mm pilot holes using the sliding bar base as a jig.
- During drilling, if aluminum or steel reinforcing is encountered continue, this will form a strong base for the ventilation lock. (If reinforcing is not encountered refer to section I)
- Use reinforcing retaining screws to fix sliding bar, and once fitted operate the sliding bar to ensure correct function.

### Keep Base

- Fit packers if necessary, align the sliding bar with the bar on the keep base.
- When correctly aligned, drill 3mm pilot holes using the keep base as a jig. Repeat steps C and D to ensure a solid fix.
- Close window and operate the ventilation lock to ensure all fixtures are correctly aligned.

## OPEN-OUT WINDOWS

- Fix the sliding bar base to the window frame and the keep base to the window sash.

For all other fixing details repeat the steps for Open-In windows.

### **WINDOWS WITHOUT REINFORCING**

If reinforcing is not encountered when drilling the 3mm pilot holes proceed as follows:

- I. Increase the drill diameter from 3mm to 9mm.
- J. Insert suitable jack nuts into the 9mm hole tapping lightly with a hammer if required, the jack nuts should be relatively tight.
- K. Using M5 machine screws of at least 35mm long. Place the ventilation lock over the jack nuts and insert the screws through the ventilation lock into the jack nuts.
- L. Tighten until the ventilation lock is solidly fixed.

#### **Maintenance:**

Use a moist cloth only, household abrasives or solvents may affect the surface finish.

#### **Pack Contents:**

- 4 screw plugs
- 2 packing plates
- 2 piece ventilation lock