



# ***Vertical Slider***

## **Installation Instructions**

*Issue A November 2009*

## **INTRODUCTION**

This manual contains information of a technical nature and consequently is only intended for use in the course of a business by persons who are skilled in the subject matter covered.

Although reasonable care has been taken in the preparation of this manual, Spectus does not accept any liability for damage resulting (whether directly or indirectly) from the use of the information contained in this manual.

Accordingly this manual is supplied on the basis that the user accepts all risks associated with the use of the information contained within it.

The following pages are designed to give guidance on the installation of the Spectus vertical sliding window.

The procedures in BS8213-4 Code of practice for the survey and installation of windows and external doorsets, or any subsequent updates following this manual, should be followed.

## **PRE-START CHECK**

### **CHECK THE SURVEY AND GOODS**

Prior to starting any work the installer should check the following:

The survey sheets are correct and clear.

The windows supplied are those the **customer ordered** and are **undamaged**.

Glass type and pattern are correct.

Window and glass sizes are compatible.

All ancillary profiles and trims are correct.

---

# INSTALLATION

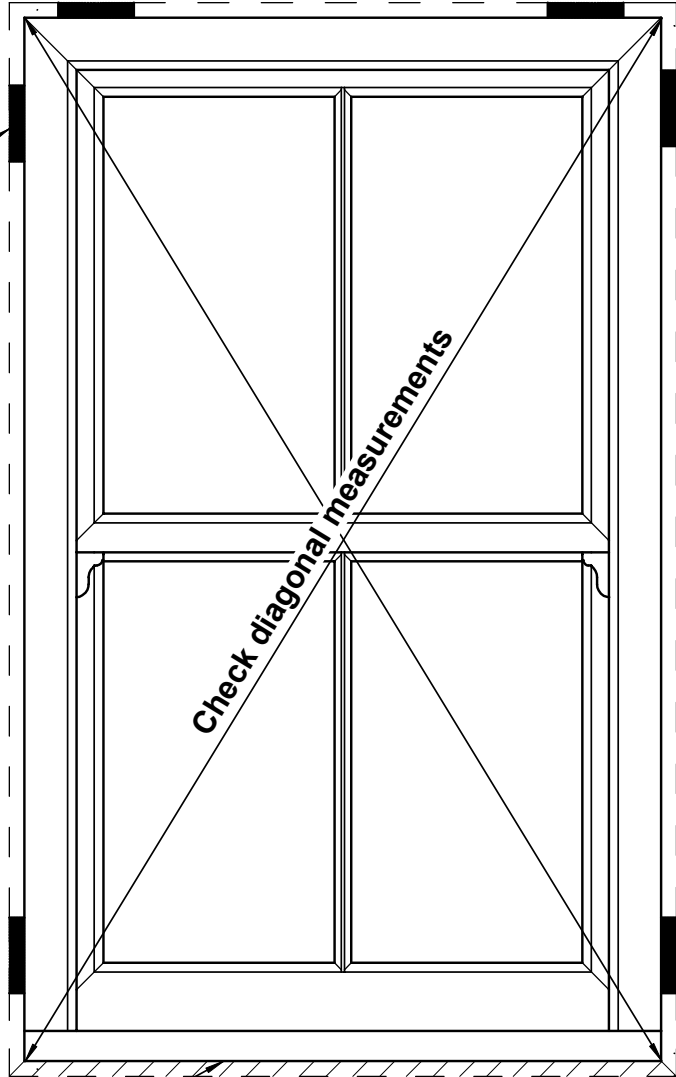
---

## FIT THE FRAME INTO THE OPENING

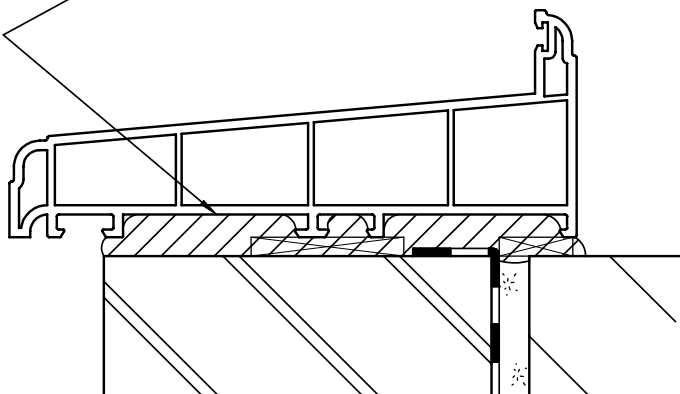
The frame should be placed into the opening and bedded on a suitable compound, it should be packed under the cill ensuring that it is level, and not bowed. The frame should then be wedged temporarily to hold it in position.

Adjust the wedging until the frame is standing vertically, and the jambs are plumb and true from side to side. Check the diagonal measurements of the frame.

Wedge the frame temporarily in the opening ensuring jambs are plumb and square



Cill must be level along the opening width, and bedded on a suitable compound



# INSTALLATION

## FIXING THE FRAME

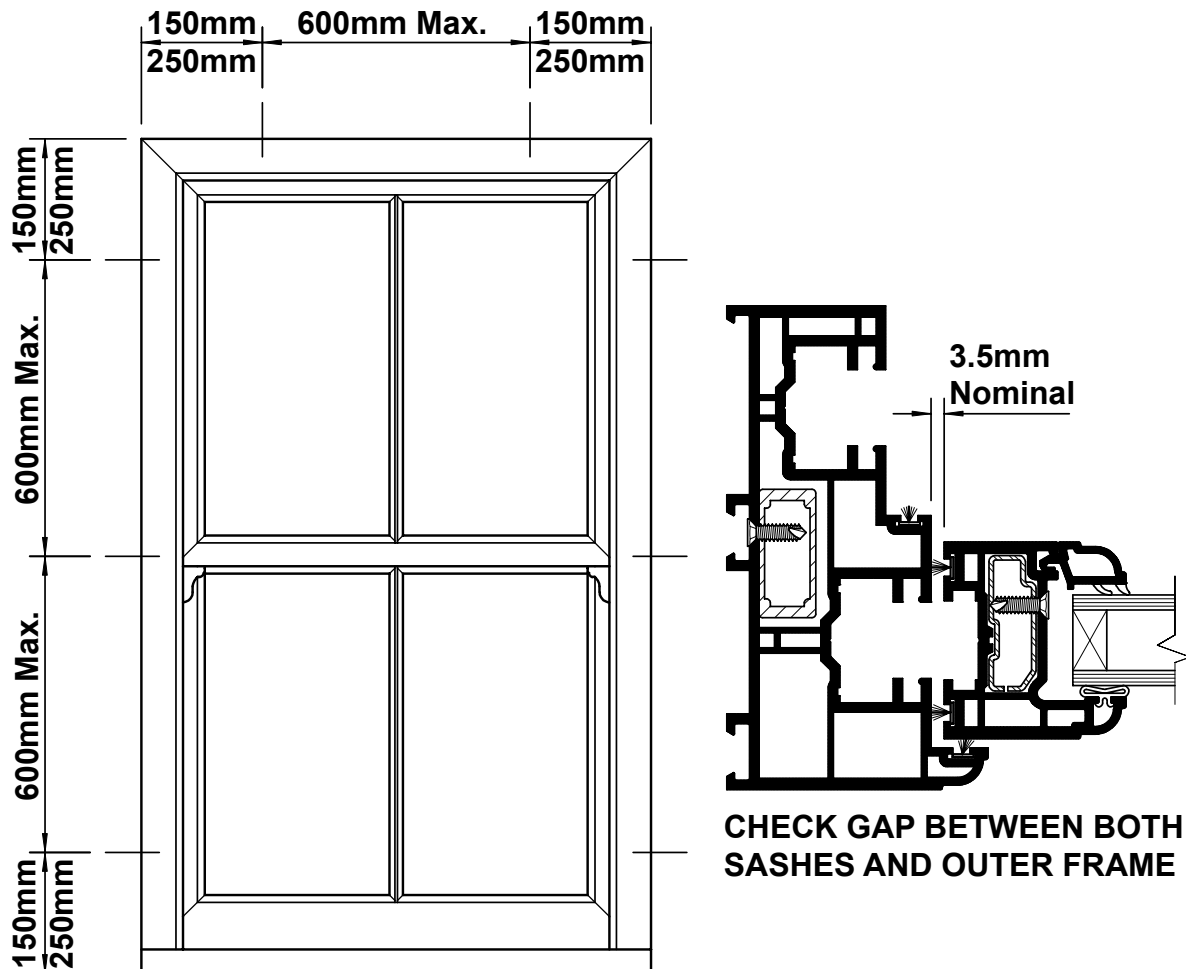
The outer frame can be fixed through three positions, page 3 shows details. Fixing should be between 150mm and 250mm from the corners with maximum centres of 600mm.

Before final tightening, the frame should be packed at screw positions with shims. **To ensure optimum weather performance and correct operation of the sashes, the outer frame must not be bowed.** Ensure the gap between the sashes and outer frame is uniform.

Foam fixing should only be used as a gap filler and not an alternative to mechanical fixings. After applying check that the outer frame has not distorted or bowed. Packing pieces can be placed between the frame and the sashes, or a brace put across the frame to prevent bowing.

After installation debris or contaminants should be removed and any drainage paths cleared.

Protective tapes should be removed as soon as practical, as ageing of tapes can cause difficulties in removal



---

# INSTALLATION

---

## FIXING POSITION

As well as the method shown below, frames can also be fixed through the balance channels, but care must be taken not to distort the chamber when tightening the screws. To position a fixing in the top half of the window it will be necessary to remove the balances.

Extreme care should be taken when removing sashes or balances, as they will be under tension and the sash weight will not be supported. (Refer to the balance manufacturers instructions before removing balances).

**Alternative fixing positions**  
(see note above).

