

Kestrel Exterior Cill Range



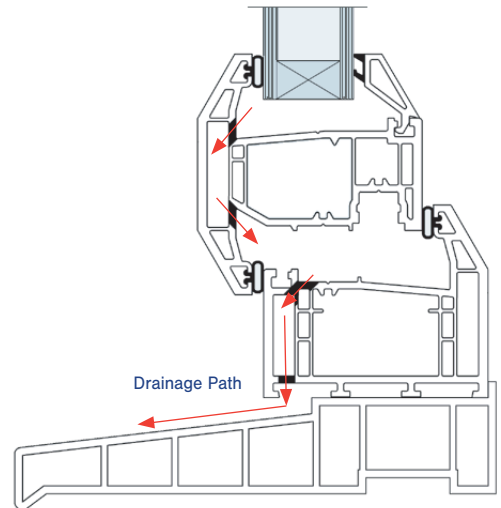
This technical bulletin will guide you through the selection and use of Kestrel's range of PVC-U cills.

It gives guidance on cill selection, explains cill terminology and details important installation requirements.

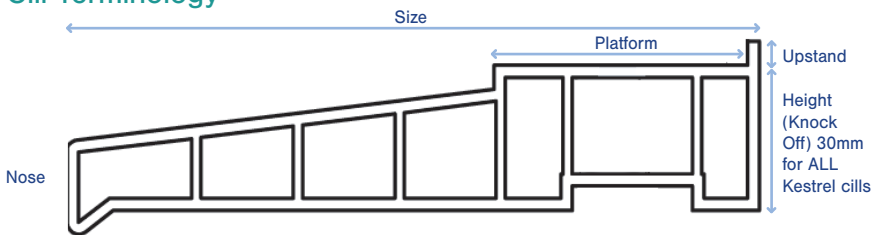
Guidance on Cill Selection

- Cill Size** Determined by the position of the cill in the opening. It is recommended that cills overhang by a minimum of 25mm.
- Platform** The platform size is determined by the outlet position of the window drainage slot and back leg details on the rear of the profile. Note: Cill size should NOT be selected purely on the outer frame front to back dimension.
- Material** Cills are available in 100% virgin material or re-cycled core with a co-extruded virgin skin. Welded Cills manufactured from 100% virgin material produce high quality joints which are not easily seen.

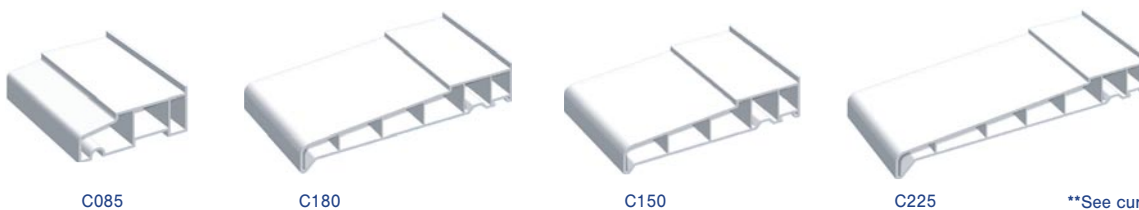
Cill Drainage



Cill Terminology



Cill Range



**See current price list for finish options

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Important Installation Requirements

There are two methods of installation:

1. Cill to building first.
2. Cill to frame.

Cill to Building First

- a. The cill is positioned in the aperture and levelled.
- b. It is bedded on either a sealant or mortar bed.
- c. A run of sealant is applied to the cill and across the ends before the window is fitted (Diag. 1)

Cill to Frame

- a. The cill is cut to length.
- b. A run of sealant is applied on the frame (Diag. 2)
- c. The cill is fitted using self drilling screws (Diag. 3)
Counterbore the underside of the cill to 13mm to accept a cover cap. Fit the screws 150mm from the corners and at 300mm centres. Avoid screwing at the mullions.
- d. Fit the cill end caps.

Diagram 1

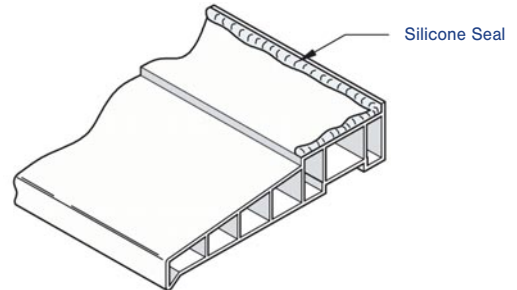


Diagram 2

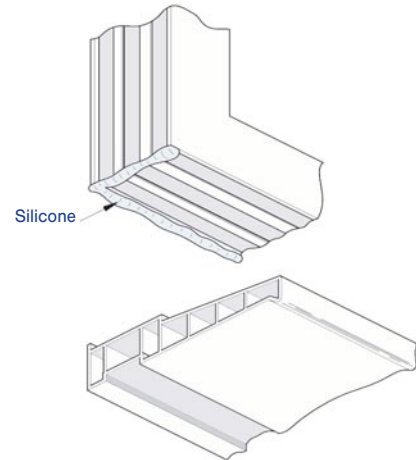
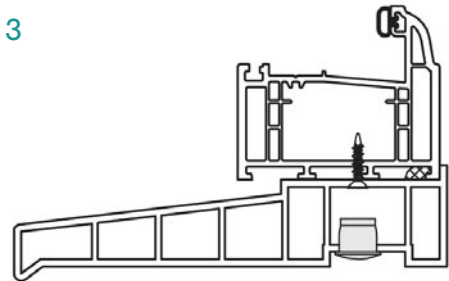


Diagram 3



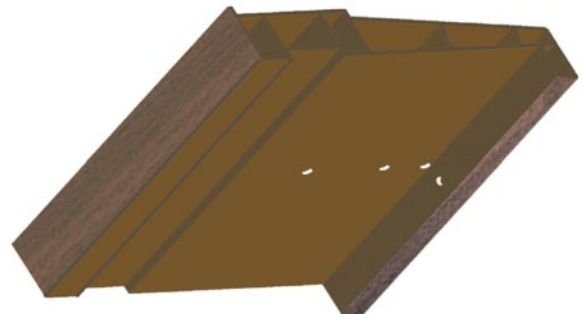
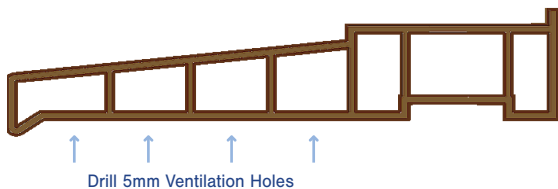
Foiled Cill

Due to the thermal characteristics of foiled cill (whether on Brown, Tan or White base material) and the sealed nature of the profile due to

end caps; it is necessary to vent the outer chambers to encourage the dissipation of heat.

- A 5mm diameter hole is sufficient for a venting hole and should be positioned approximately 200mm from each end and at a maximum of 1500mm centres.
- All installations to take place at ambient temperatures - between 5°C and 25°C.
- Prior to installation all cills must be kept stored away from direct sunlight, preferably indoors at all times.

Drill 5mm Ventilation Holes



www.kbp.co.uk

Billet Lane, Normanby Enterprise Park, Normanby Road, Scunthorpe, North Lincolnshire, DN15 9YH
Tel: (01724) 400440 Fax: (01724) 280241 Email: info@kestrelbce.co.uk

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