

VETRO



Norwood

SIDE SWING



-
- > Part of a technically advanced suite of windows & doors
 - > Timber and AluClad variants
 - > Available in full range of RAL colours
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Norwood Side Swing windows are reversible windows similar in appearance to traditional UK side-hung casement windows, but with additional features, including the option for the sash to reverse completely to enable easy cleaning from the inside of the building.

All sashes are fitted with built-in restrictors to limit the initial opening to 80 mm providing both security and ventilation, with the use of additional restrictor positions enabling greater air-flow.

The window can be produced with a ‘flying mullion’ similar to a French Casement to enable greater egress in the event of emergency, and if required for design purposes can be coupled to side or top lights from our range of Fixed and Shaped frames.

The Side Swing window meets the requirements of PAS24 and Secured By Design and with the fitting of compliant hardware, the requirements of Lifetime Homes.



TECHNICAL DESCRIPTION

Standard

Options

1.2
U-value

1.0
U-value

0.8
U-value

FRAME DIMENSIONS

The system has 95 mm and 109 mm back to front frame section options. The glass to brick dimension on the jambs for timber is nominally 107.5 mm. The system is designed to carry a range of glazing depths from 24 mm double glazing to 48 mm triple glazing units in the Passive version.

The AluClad version increases the overall back to front dimension by 11 mm.

TIMBER

All windows and doors are manufactured from engineered PEFC certified softwood timber, which is laminated & finger jointed to provide the highest consistency of quality and stability to our finished frames. A non-finger jointed option is available at extra cost if required.
On request, we can produce frames in Oak or Accoya, including softwood/hardwood combination frames.

ALUCLAD

The AluClad variants, which are available in the full range of RAL colours, create an external ‘weather shield’ for the timber providing a highly durable external finish which is easy to maintain and modern in appearance. This provides a best of both worlds option for customers wanting the natural appearance and warmth of timber internally, and a sleek, robust, low maintenance finish externally.

PAINT & PRESERVATIVE

Using Teknos water based coating systems Norwood timber windows & doors can be supplied in any RAL or NCS colour, including dual colour. All timber is dipped or sprayed with Teknos timber preservative to provide protection against wood destroying and wood discolouring fungi which satisfies the performance requirements of EN 599-1.

COLOUR OPTIONS

The standard product colour of windows and doors in both timber and AluClad variants is white (RAL 9010 or NCS S 0502Y) but all products are available in the full range of RAL or NCS colours.

GLAZING OPTIONS AND PERFORMANCE

All Norwood windows and doors can be supplied with double or triple glazing and can achieve a maximum u- value performance of 0.8 W/m²K to meet the most demanding thermal standards including Passive.
Glazing options include toughened safety, laminated, acoustic and solar control to meet most projects requirements. Acoustic performance to 44db and g-values to 0.23 are achievable.

Frames are supplied pre-glazed from the factory to guarantee the highest quality and provide optimum technical performance though for health & safety reasons very large frames may be supplied unglazed for glazing on site after installation.

HARDWARE & SECURITY

The Side Swing Window is manufactured using Norwegian SPILKA hinges. Individual sashes can be manufactured up to 40 KG.

CILLS, COUPLERS, GLAZING BARS AND ANCILLARIES

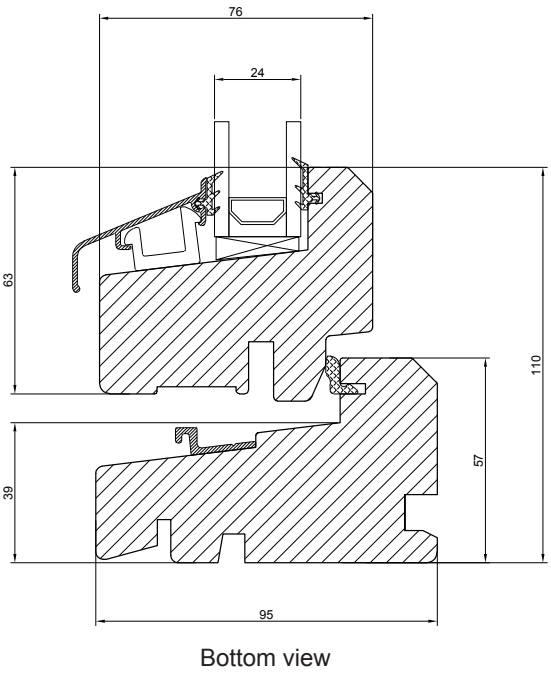
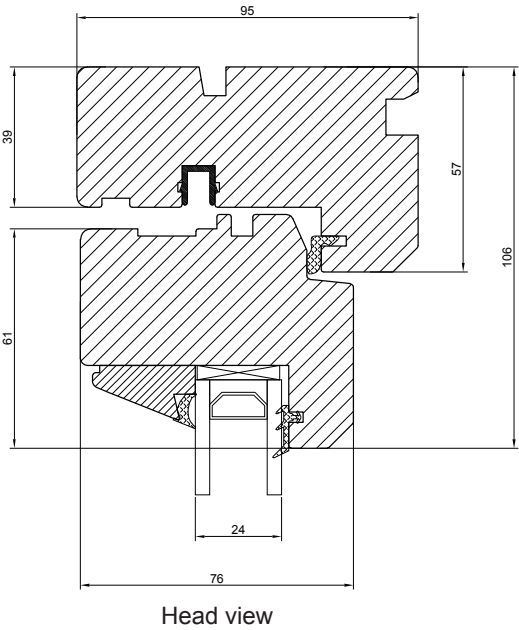
A large range of cills, couplers, glazing bars and ancillary profiles are available - see separate datasheets for information.

MARKET SECTOR PRODUCT SUITABILITY

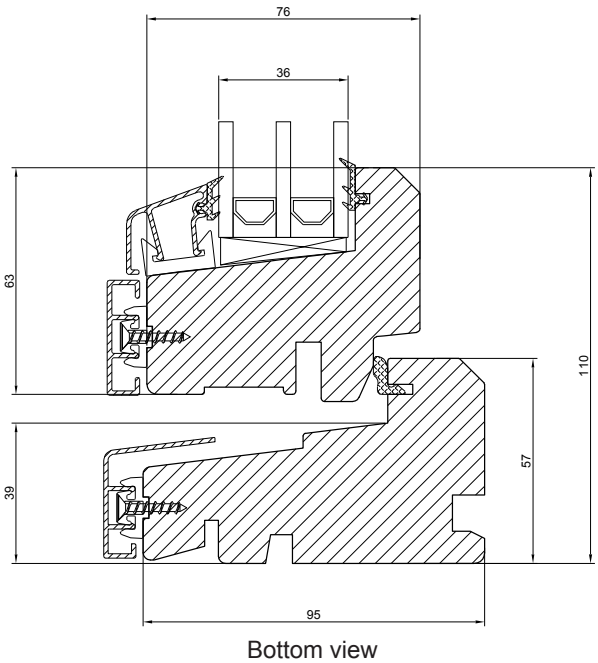
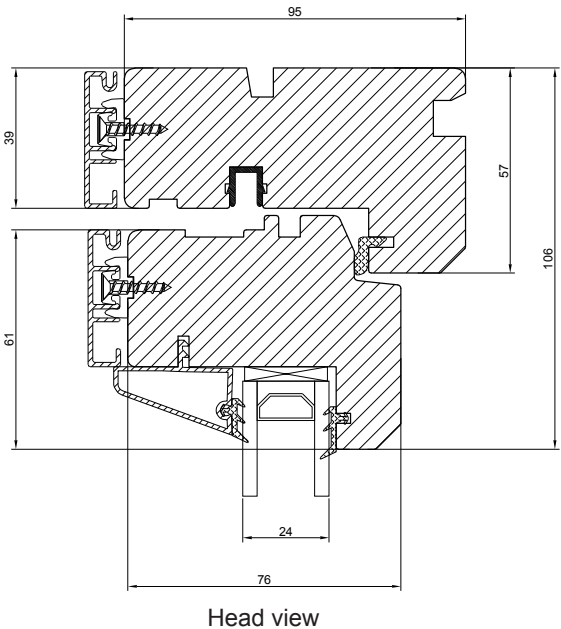
Norwood window and door systems are designed to provide outstanding solutions for the following market sectors:

- Offsite Construction
- Commercial Installations
- Home Improvement and Self Build Installations
- New-build Construction

SIDE SWING WINDOW TIMBER



SIDE SWING WINDOW WITH ALUCLAD



Vetro Trade Frames

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