

SLIDING PATIO DOOR



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- > Part of a technically advanced suite of windows & doors
 - > Timber and AluClad variants
 - > Available in full range of RAL colours
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The Norwood Sliding Patio Door system is available with two, three or four-fixed panes and one or two sliding sashes. The door is available in widths up to 6000 mm wide and side or top lights can be added to support design requirements.

The sliding sashes are always fitted externally and can be locked using a handle which is accessible from both the inside and outside of the door, or on request from the inside only.

The Patio Door system comes with a range of threshold options to help project architects meet specific site requirements.



TECHNICAL DESCRIPTION

Standard

1.2
U-value

Options

1.0
U-value

0.8
U-value

FRAME DIMENSIONS

The system has 95 mm and 145 mm front to back frame sections depending on the required thermal performance. The system is designed to carry a range of glazing depths starting at 24 mm double glazing through to 48 mm triple glazed units in our 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 Norwood Patio Door system comes with a range of enhanced security and safety options including limiters to restrict the opening of sashes, and full or half cylinders for secure locking.

CILLS, COUPLERS, GLAZING BARS AND ANCILLARIES

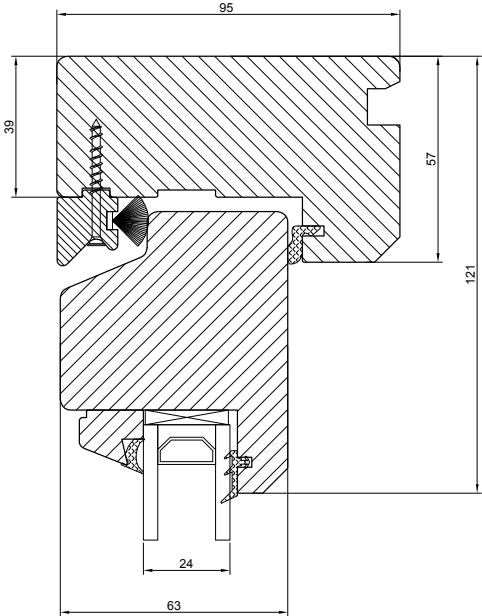
A large range of cills, couplers, glazing bars and ancillary profiles are available - see separate datasheets for information.

MARKET SECTOR PRODUCT SUITABILITY

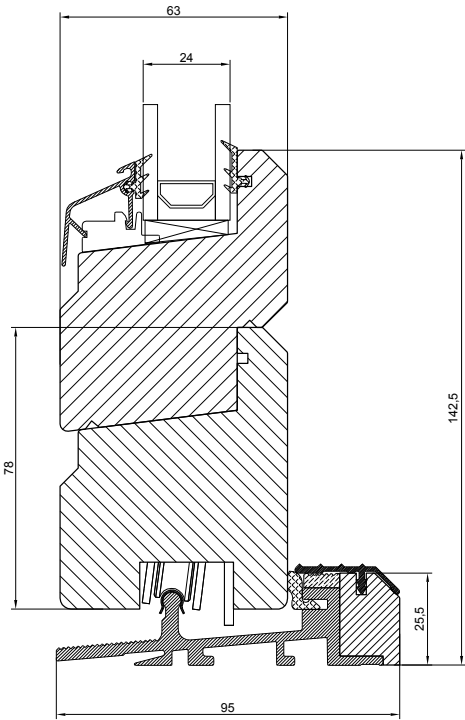
Norwood window and door systems are designed to provide outstanding solutions for the following market sectors:

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

SLIDING PATIO DOOR TIMBER

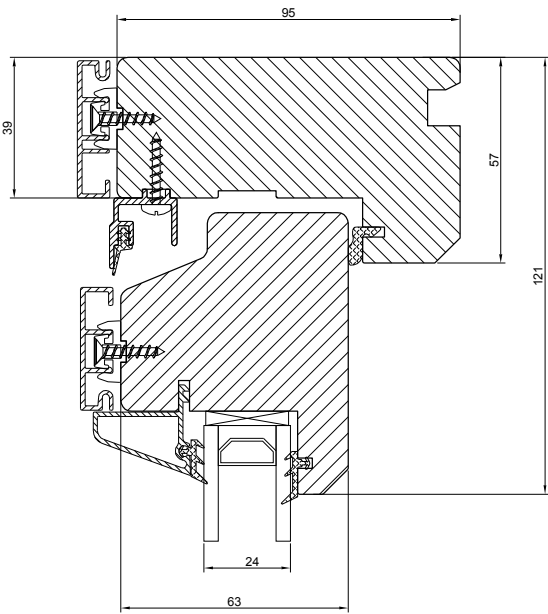


Head view

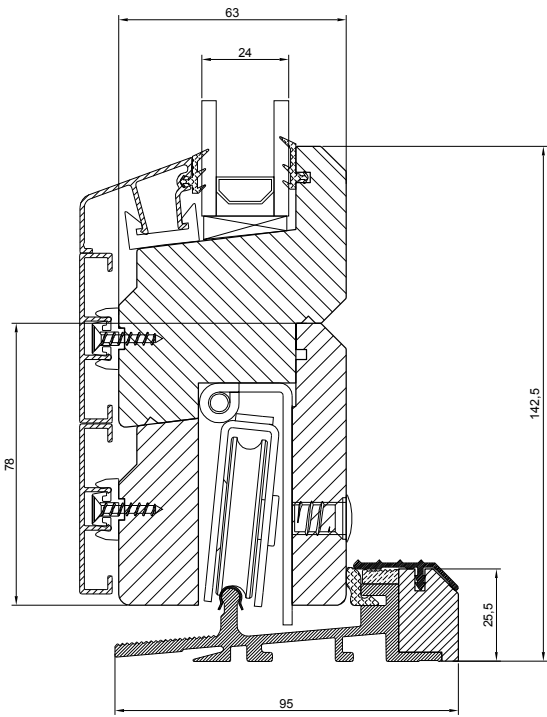


Low threshold option

SLIDING PATIO DOOR ALUCLAD



Head view



Low threshold option

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