

TILT & TURN DOOR



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- > Part of a technically advanced suite of windows & doors
 - > Timber and AluClad variants
 - > Available in the full range of RAL colours
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The Norwood Tilt and Turn Door system provides a practical option for new building designs or within refurbishment projects.

The system allows for a door to be constructed using traditional Tilt and Turn functionality, providing superior escape, ventilation and air-flow options, whilst being secure. The door are an inward opening product.

All door leafs are fitted with a combined glazing bead/rain deflector in aluminium on the bottom plane.



TECHNICAL DESCRIPTION

Standard

0.8
U-value

Options

1.0
U-value

FRAME DIMENSIONS

The system has a 109 mm front to back section as standard which also enables it to comply with Passive standards. 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 back to front dimension of the AluClad version is 11 mm.

TIMBER

All 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 also available at extra cost if required. On request, we can produce frames in Oak or Accoya hardwood, including softwood/hardwood combination frames as a cost effective option

ALUCLAD

The AluClad version, available in the full range of RAL colours, creates an external 'weather shield' for the timber thus providing a highly durable external finish which is easy to maintain and very 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 can be supplied in any NCS or RAL colour including dual colour. All timber is treated with Teknos timber preservative to provide protection against wood destroying and wood discolouring fungi, and satisfies the performance requirements of EN599-1.

COLOUR OPTIONS

The standard product colour in both timber and Aluclad options is white (NCS S 0502Y) and windows are also available in most recognised RAL or NCS colours including metallics.

GLAZING OPTIONS AND PERFORMANCE

Tilt and Turn Doors can be supplied with double or triple glazing, and can achieve a u-value performance as low as 0.73 w/m²K to meet the most demanding thermal standards including Passive. Glass options include toughened safety, laminated, acoustic and/or solar control to meet most projects requirements. Acoustic performance to 44db and g-values to 0.23 are achievable.

Windows are supplied pre-glazed* from the factory to guarantee the highest quality and provide optimum technical performance.

*for health & safety reasons very large frames may be supplied unglazed for glazing on site after installation.

HARDWARE & SECURITY

The Tilt and Turn door range is manufactured using German designed Roto Royal hardware. Robust in use and low maintenance, the entire mechanism is concealed in the rebate between the outer frame and the opening sash.

CILLS, COUPLERS, GLAZING BARS AND ANCILLARIES

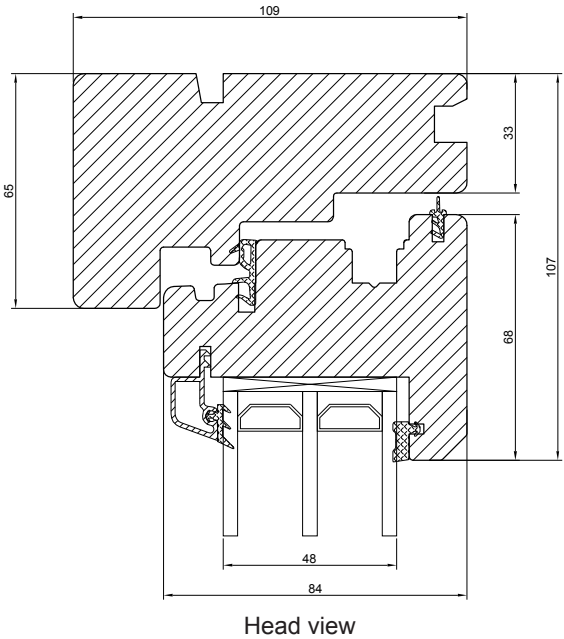
A large range of cills, couplers, glazing bars and ancillary profiles are available - see separate datasheets for information.

MARKET SECTOR PRODUCT SUITABILITY

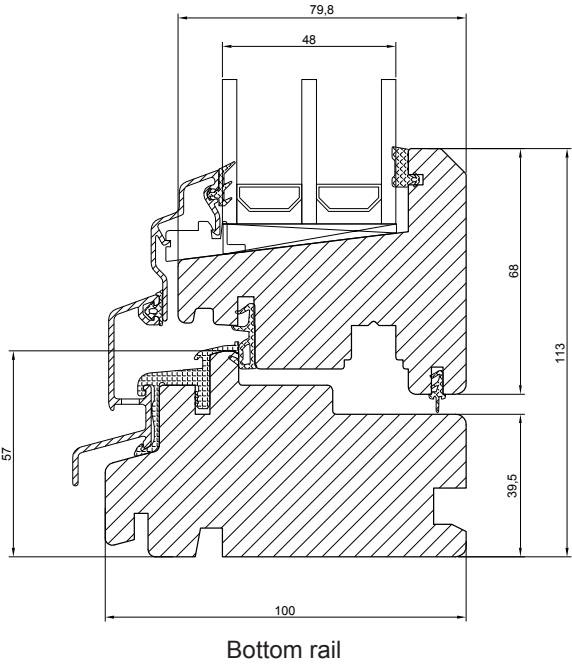
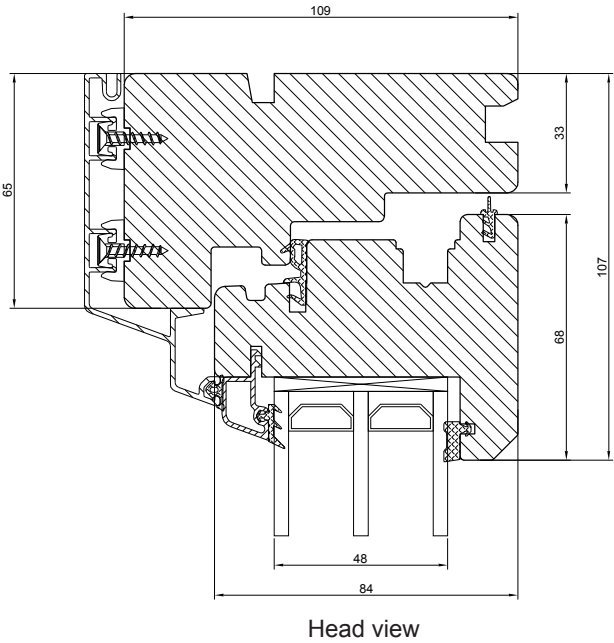
Norwood window and door systems are designed to provide outstanding solutions for the following market sectors:

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

TILT AND TURN PASSIVE DOOR TIMBER



TILT AND TURN PASSIVE DOOR WITH ALUCLAD



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