



Flush Tilt & Turn Window

Product Information

spectus

n. look, appearance, aspect

Product Information

This revolutionary externally flush tilt & turn window is an ideal solution for any building project, as it has been specifically designed to prevent the framework from overlapping to give a distinctive and modern 'flush' appearance.

The Spectus tilt & turn also overcomes aperture limitations. The window opening up to 1450mm width x 2300 height maximum, allows for a generous flood of natural light and ventilation into the building. Suitable applications: new build apartments, housing, hotels, offices, health, education and public buildings.



Functionality

The flush tilt & turn window boasts two opening positions – a tilt mode and a turn mode. The tilt mode offers secure ventilation, an improve factor in ground floor installations; and the turn mode enables cleaning of the window to be carried out without risk - a vital consideration in high-rise applications.

Security

Incorporating an anti-switch barrier, the flush tilt-turn window is fitted with a unique security feature that prevents accidental movement from tilt to turn or vice versa. Anti-slam is fitted as standard and the gearing is invisible for improved aesthetics. Restrictors can be fitted for extra security in medium-high rise buildings.



Spectus offer a comprehensive range of internal, external and base colour options to provide the best aesthetic window and door solutions for its commercial clients. With 30 colour options to choose from, and a complementary base colour enhancing the appearance of products coloured on both sides, it's one of the many reasons why Spectus is one of the most specified PVC-U systems for all commercial projects, from social housing to student accommodation, and new build to education and healthcare projects.

Foil Colours





Thermal performance

The exceptional thermal performance of the flush tilt-turn window is achieved by a 6-chamber sash and a 5-chamber outer frame, which achieves a WER 'A++' rating when glazed with argon-filled triple glazing.

The system reduces costs by eliminating the need for expensive Krypton gas filled units, insulation in the profiles or expensive special reinforcement. In addition, we have integrated the innovative 'Aeroframe' thermal wall technology into the window design, which has proven to provide greater thermal performance through its complex 'thermal barrier' technology.

Test	Value
Air permeability	600Pa
Water tightness	450Pa
Wind Resistance	2400Pa

Weather rating tested to BS 6375-1:2009





Features and benefits at a glance

- Flush, urban and modern design
- No overlapping of framework externally
- High performance centre seal system – optional 3rd weather seal
- Triple glazing can achieve u-values 0.8 W/(m².K)
- Achieves WER A++
- Design flexibility with maximum opening size up to 1450 width x 2300mm height
- Glazing options: 28, 36 & 44mm
- Perfect for medium-high rise buildings
- Suites with market leading 70mm window systems
- Available in a range of 30 colours including dual options
- Sash is neatly positioned inside the frame
- Six-chambered sash and five-chambered outer frame with “aeroframe” technology
- Concealed hinges & gearing
- Overcomes design issues with traditional tilt-turn windows
- Recycled composite outer frame reinforcement
- Designed & manufactured in Great Britain

Hardware features

- Fully concealed hinges for attractive aesthetic appearance
- Sash lifter fitted as standard (above 640mm sash height)
- Anti-slam fitted as standard
- Increased security around hinges
- No cover caps required
- 3-dimensional adjustment of the pivot post
- Lateral adjustment of stay hinges and pivot post without loosening screws.

Fully accredited system

The window is ‘Secured by Design’ accredited giving peace of mind to the end-user that the product meets police approval for security and ensures the windows are tested and approved to PAS24:2012 – enhanced security performance requirements for doorsets and windows in the UK. Certified manufactured to BES6001 proving our products have been made with constituent materials that have been responsibly sourced and allows additional points under the Code for Sustainable Homes and BREEAM.





BS EN 12608
KM 12874
PROFILE



BS EN 12608/PAS 24
KM 33510
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