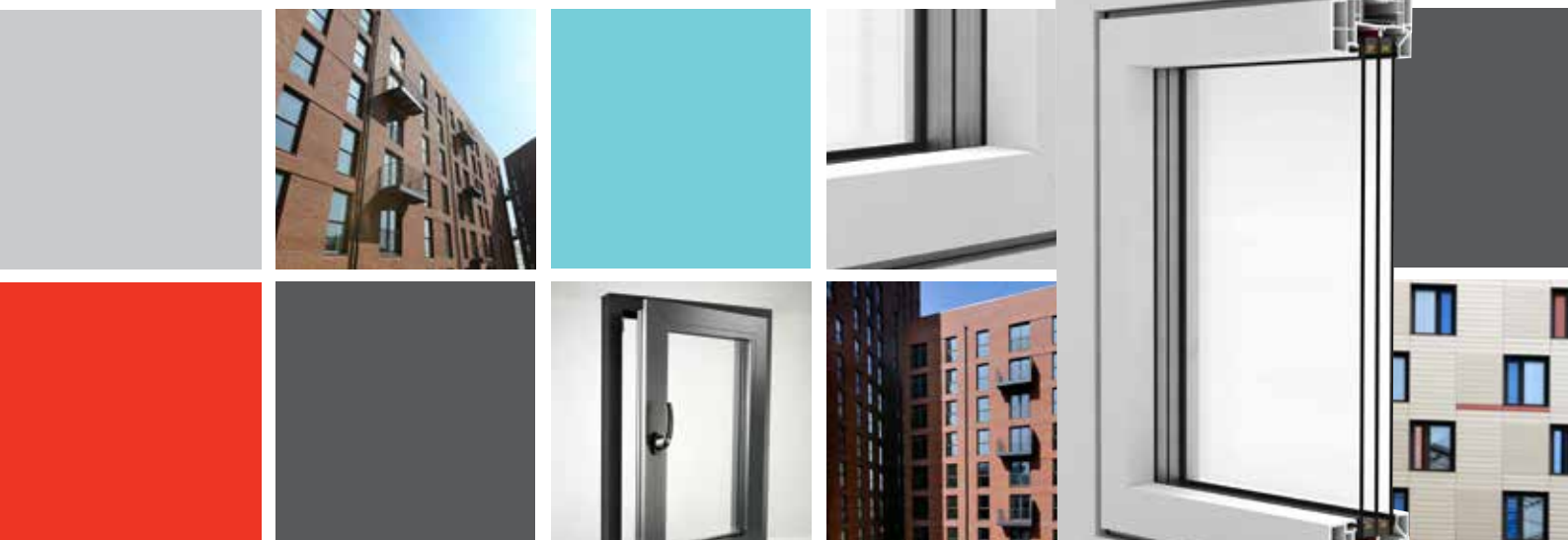


INTRODUCING THE ALL
NEW FLUSH TILT
& TURN WINDOW
FROM SPECTUS



Spectus[®]
WINDOW SYSTEMS



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 a maximum of 1450mm x 2300mm, 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 improved 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

The flush tilt & turn window has an anti-switch barrier, a security feature that prevents accidental movement from tilt to turn or vice versa. An anti-slam device is fitted as standard and the gearing is concealed for improved aesthetics. Restrictors can be fitted for extra security in medium-high rise buildings.



Tilt mode -
top ventilation position



Turn mode - maximum ventilation
and for cleaning of outside pane

Colour Range

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



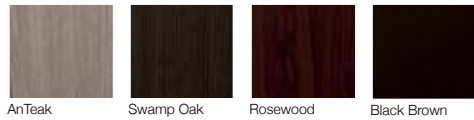
Cream Claystone Pebble Grey Windsor Sage Smooth



Agate Grey Chartwell Green



Irish Oak Honey Oak Super-Matt Light Oak Pyrite



AnTeak Swamp Oak Rosewood Black Brown



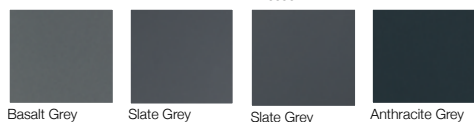
Flemish Gold Smooth



White Dark Red Steel Blue Dark Green



Black Ultri-Matt Silver D Smooth Hazy Grey Finesse Kensington Grey Buckingham Grey



Basalt Grey Smooth Slate Grey Finesse Slate Grey Anthracite Grey



Anthracite Grey Smooth





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 PAS 24 - enhanced security performance requirements for doorsets and windows in the UK. Certified manufactured to BES 6001 proving our products have been made with constituent materials that have been responsibly sourced and allows additional points under BREEAM.



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 units with argon-filled triple glazed units.

The system reduces costs by eliminating the need for expensive Krypton gas filled units or insulation in the profiles. 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.



Weather performance

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

Weather rating tested to BS 6375-1



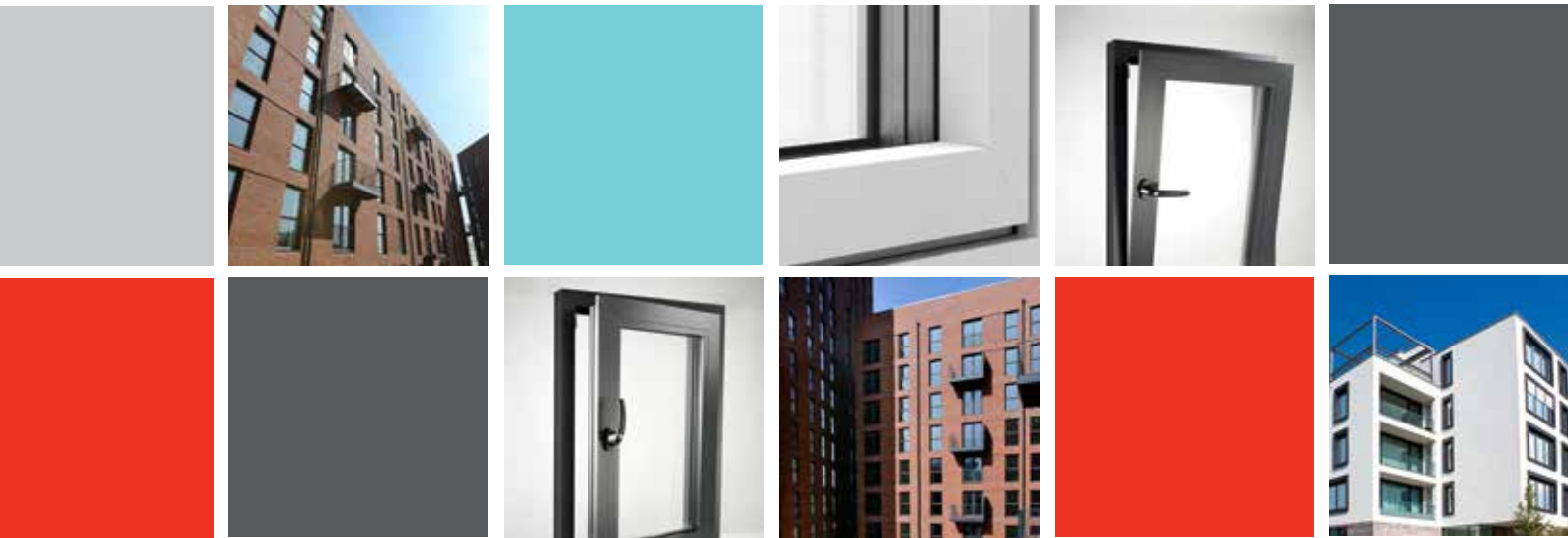


Features and benefits at a glance

- 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 of 0.8 W/(m².K)
- Achieves WER A++
- Design flexibility with maximum opening size up to 1450mm x 2300mm
- 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 switch barrier fitted as standard (above 640mm sash height)
- Anti-slam fitted as standard
- Increased security around hinges
- 3-dimensional adjustment of the pivot post
- Lateral adjustment of stay hinges and pivot post without loosening screws.



Spectus®

WINDOW SYSTEMS

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