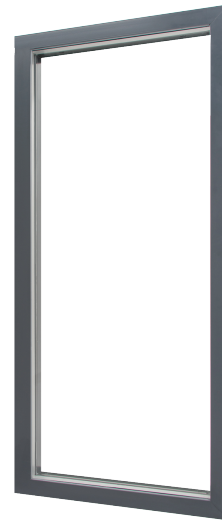
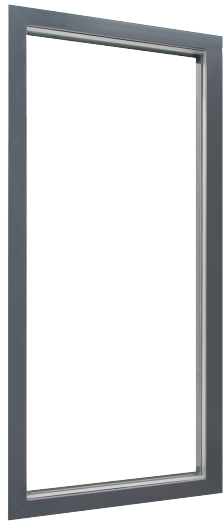


TRENT FIXED



WHAT IS THE TRENT FIXED?

The Trent Fixed is a window solution created for areas which do not require any natural airflow, just natural light. This solution is suitable for environments up to adult medium secure. To increase safety & security the Trent Fixed is externally beaded.

This window solution has no hardware or ligature risks as standard. If natural airflow is required, the Trent Fixed is compatible with the Orwell Trickle Vent solution. To increase safety, the Trent Fixed window solution is externally beaded and anti-picked.

MAIN FEATURES



CONCEALED DRAINAGE



DUAL COLOUR AVAILABLE



FIXED FRAME



FULL RANGE OF RAL
COLOUR OPTIONS



FULLY GLAZED
(NO POLARMESH)



INFECTION CONTROL



POWDER COAT /
ANODISED FINISH



REDUCED LIGATURE



THERMAL BREAK



TRICKLE VENTILATION
OPTION



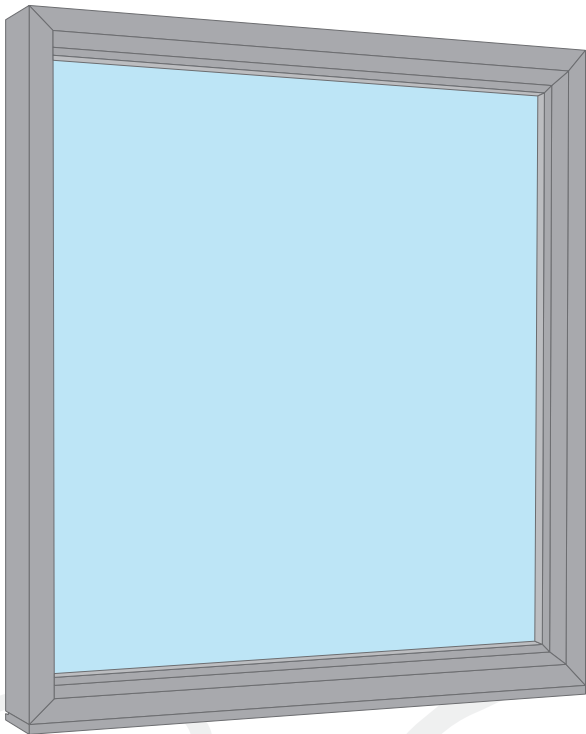
EXTERNALLY BEADED AND
ANTI-PICKED



GLAZING / PANEL
UP TO 36MM



TRENT FIXED



THE TECHNICAL DETAILS

Fixings

To suit surrounding structure, standard method will be by way of galvanised steel straps fixed at 200mm centres

Environmental - Tested In Accordance With BS EN ISO 10077-1

U-Value	≥ 1.8 W/m ² K based on recommended glazing specifications (Window size will affect U-Value)
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Weather - Tested to BS 6375 - 1:2009

Air Permeability (ENG1026)	Class 4
Watertightness (ENG1027)	Class 9A 600pa
Windload Resistance (EN12211)	Class B5

Cleaning

All glass faces inside and out to have provision to be cleaned.

Maintenance

PolarCare Maintenance Packages Available

Quality

Manufactured and installed in accordance with ISO 9001:2008

Sustainability

Manufactured & Installed in accordance with ISO 14001:2015

Standard Warranty and Guarantee

Parts	12 Month Warranty
Installation	12 Month Warranty
Glass	60 Month Warranty
Paint	Guarantee dependant on finish and Installation Environment

Frame

Description	Fixed aluminium frame with no hardware or ligature points. To aid safety & security the Trent Fixed window solution is externally beaded and anti-picked.
Profile	Bespoke aluminium profile extruded from aluminium alloy 6060/6063 T5/T6 and compliant with BS EN 12020-2: 2001/BS 755-9: 2001
Colour/Finish	All RAL / BS powder range / Dual Colour / Bespoke finishes available to BS 6596. Anodising to BS EN 12373 and BS 3987
Thermal Break	Polyamide strips PA 6.6 25

Standard Glazing

Fixed Pane	9.5mm Toughened Laminate Clear With
(Glass Specification	1.5mm PVB Interlayer (Internal)
Can Be Changed to	16mm Argon Filled Black Warm Edge Spacer
Suit Enviroment)	6mm Toughened Low E (External) (P ULTRA N II)
G-Value	Standard - Sash • 59 Fixed • 58
Light Transmittance	Standard - Sash • 79 Fixed • 78
U-Value	≥ 1.1 W/m ² K
Variations	Performance Varies by Glass Specification
Other Applications	Sandblast/Solar/Obscure/Silver 20

Blinds

Integral Blinds	Electronically Operated (20mm Spacer Required) (Optional)
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