

# EYG

## commercial glazing solutions

Jon Windows

HEATSEAL

### TB61 Window Suite



Portsmouth Waterquarter

Commercial

Trade Glazing



## Company Profile

EYG offers a comprehensive range of architectural aluminium building products and systems for commercial construction – entrances, framing systems, windows and curtain wall systems.

Since its beginnings 38 years ago, EYG has been recognised as an innovator. Through the years, we've balanced experience with innovation. We've listened to our customers and we are dedicated to providing the tools our customers need to succeed.

Our unrivalled team has a wealth of experience working closely with architects, contractors and clients to develop project solutions from their earliest concepts. We are committed to injecting innovation into new product development to ensure our products meet the most exacting engineering and technical standards, whilst overcoming sophisticated design challenges. Our design expertise, combined with aluminium's flexibility and recyclability, makes our building systems and products the right solutions for today and tomorrow.

## Technical Assistance

Our regionally based team of Architectural Advisors are able to provide product information and support and can be contacted through the Head Office at Hull. Information on our extensive range of Curtain Wall, Window and Ground Floor Treatment Solutions can also be obtained from our Head Office.

EYG Commercial is part of the EYG Group of companies which consists of Heatseal Windows, Jon Windows, EYG Trade, Kingston Glass and EYG Domestic, which all benefit from the extensive resources available to the entire EYG organisation. As a result, our partners and customers have direct access to one of the largest pools of technical expertise in the construction industry.

## TB61 Tilt Turn Window

The EYG TB61 Tilt Turn Window (tilt in for ventilation – turn in for cleaning) is the ideal solution for ground floor applications where an outward window could cause injury to passers by. It's also ideal for multi-storey applications as the window can be cleaned safely from inside the building with the windows in the turn mode.

The TB61 Tilt Turn Window is suitable for new build or refurbishment projects.

### Product Features

- Tilt before turn
- Tilt for ventilation, turn for cleaning
- Snap on glazing beads
- Optional trickle ventilation
- Multi-point locking
- Locking and non locking handles
- Side hung and bottom hung
- Clamp on hinges
- Friction on the stay arm
- Built in vertical and horizontal adjustment of opening vent
- Can be glazed into curtain walling and framing products for total design flexibility
- Tilting provides draught free baffled ventilation
- The full opening in the turn position allows easy cleaning plus an escape route in an emergency

### Security

Eyg's TB61 suite can be manufactured in accordance with BS 7950:1997 Standard Specification for enhanced security performance.

## TB61 Casement Window

EYG's Casement Window is a member of the TB61 suite Window System designed to optimise thermal performance in compliance with Document L.

The TB61 Casement is available as a top or side hung window and can be single or dual colour with a polyamide thermal break for excellent thermal performance.

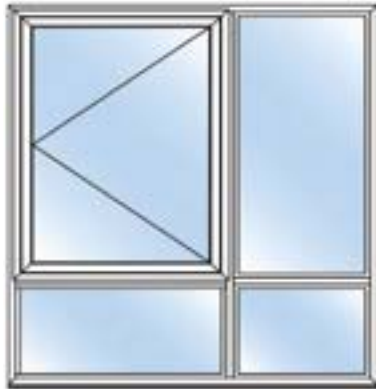
### Product Features

- Projected top hung or side hung
- Snap on glazing beads
- Espagnolette locking or cock spur
- Clamp on butt hinges
- Optional trickle ventilation
- Locking and non locking handles
- Can be glazed into curtain walling and framing products for total design flexibility
- Fixed restrictor with adjustable friction to permanently restrict the window to a set opening of 100mm
- Friction can be adjusted according to the user
- Folding openers with link bars

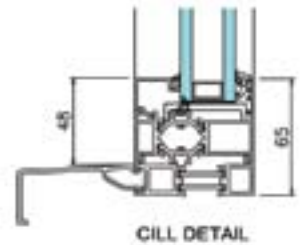
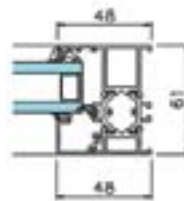
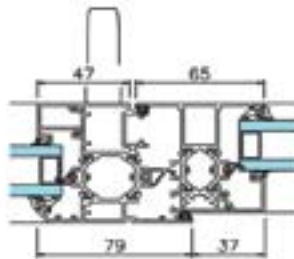
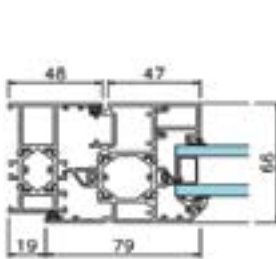
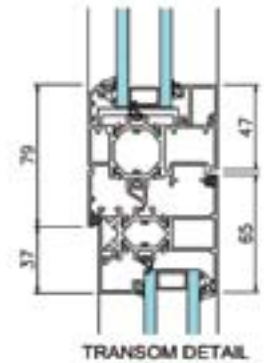
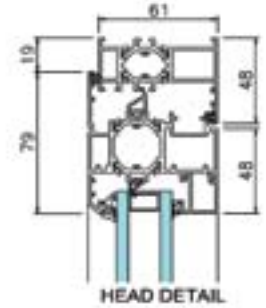


# Specifications

## TB61 Top/Side Hung



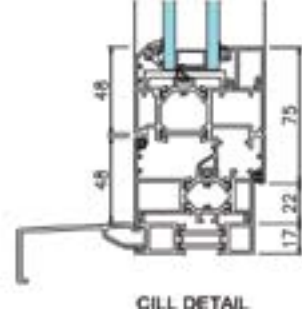
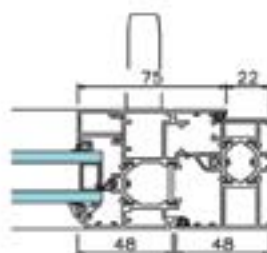
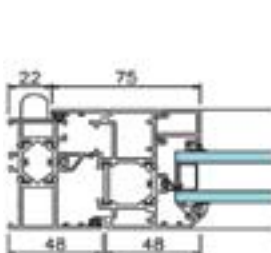
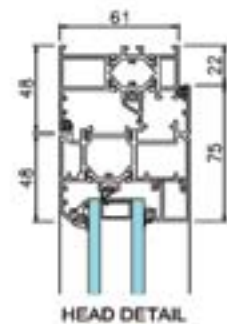
1500mm x 1700mm high  
Air Permeability Class 4  
Water Tightness Class 9A  
Wind Resistance Class C4



## TB61 Tilt & Turn



1100mm x 1300mm high  
Air Permeability Class 4  
Water Tightness Class 9A  
Wind Resistance Class C4






# Specifications

## Size

	Minimum Size	Maximum Size	Maximum Weight
Top Hung	400w x 400h	1500w x 1700h	80Kg
Side Hung	400w x 400h	900w x 1700h	60Kg
Bottom Hung	400w x 400h	1700w x 900h	80Kg
Tilt & Turn	600w x 500h	1400w x 2000h	130Kg

## Test Data

	Air Permeability	Water Tightness	Wind Resistance	Test Size	
Top Hung	Class 4	Class 9A	Class C4	1500w x 1700h	
Side Hung	Class 4	Class 9A	Class C4	1500w x 1700h	
Tilt & Turn	Class 4	Class 9A	Class C4	1100w x 1300h	

Weather tested in accordance with the following BS EN 1026:2000, BS EN 1027:2000, BS EN 12211:2000 & BS 6375 Part 1:2004

## Thermal Efficiency

	750w x 750h	1200w x 1200h	1200w x 1500h
Top/Side Hung		2.05	1.93
Tilt & Turn		1.95	1.86
Fixed Light	1.90	1.77	1.71

The above thermal calculations are based on a centre pane u value of 1.2W/m<sup>2</sup>K and are indicative only but for more detailed information, please contact our technical department.

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BS EN ISO 9002 1994  
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