

COMAR 5P.i ALUMINIUM WINDOW SERIES



comar

ARCHITECTURAL ALUMINIUM SYSTEMS







## COMAR 5P.i ALUMINIUM WINDOW SERIES

**The Comar 5P.i Series of window systems offers the fabricator a range of solutions to suit the requirements of their customers.**

For economical solutions select casement and tilt turn options from our ECO range, for a cost-effective solution with a variety of window configurations the Comar 5P.i 60mm offers casement, tilt/turn, vertical and horizontal sliding, vertical and horizontal pivot, top-swing reversible and French Casement windows. For a future proof solution with superior thermal break technology the Comar 5P.i Advanced casement and tilt/turn range will take fabricators through even the most demanding next round of Document L offering U-values as low as 0.99 for a CEN size window. For the discerning client we have just launched our award winning innovative Passivhaus solution which offers U-values as low as 0.66. Within the range WER's of up to A++ are available

A range of tooling packages are available to suit each of the window systems. The tooling is comprehensive and is designed to maximise productivity and reduce defect levels in fabrication. Estimating software

is covered with our V6 Genesis software which offers full estimating as well as a range of production reports.

Comar Architectural Aluminium Systems is part of TPG, The Parkside Group Limited, based in Surrey and is celebrating its 50th anniversary this year. For our long-standing fabrication partners our history ensures that your business has the reassurance of a UK Independent company which has evolved through the years to now deliver the best of British to the industry.

From our UK Headquarters Comar supplies aluminium window, curtain walling, window walling, doors and ground floor framing systems to a nationwide network of Approved Fabricators. The business was built on delivery and we carry market leading stock at our HQ, of over £6M profiles and accessories, to put this in perspective the stock holding, ready for call off, is the equivalent of 3 rugby pitches with aluminium stacked in five layers. This means that fabricators can order mill or white profiles and get them on their next twice weekly delivery. For Just-in-Time solutions

our fabricators can pick up from our HQ and there is an extensive carrier service available at the end of the phone.

We offer Polyester Powder Coating or Finishing Anodising solutions as part of the service and due to our close relationships with our suppliers, unrivalled stock holding we can offer dual colour options faster than our competition. All our finishers are Qualicoat registered and we can offer Chromate free paints should they be requested.

The support does not end there. With a team of Project and Business Development Managers we can offer a guaranteed flow of projects and Comar Specified Projects to suit your business needs. Training and site liaison is covered with a team of experienced Technical Engineers that can offer classroom, site or workshop training to suit your staff.

*All the best. Team Comar*





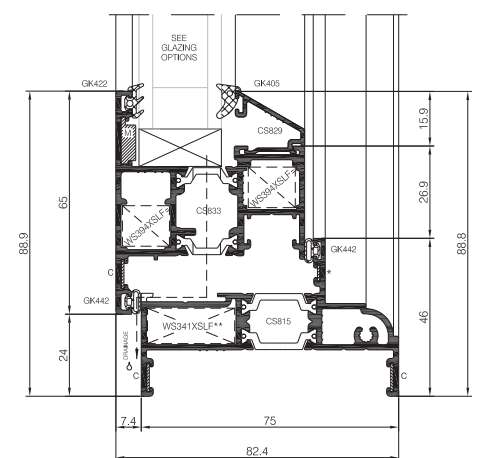
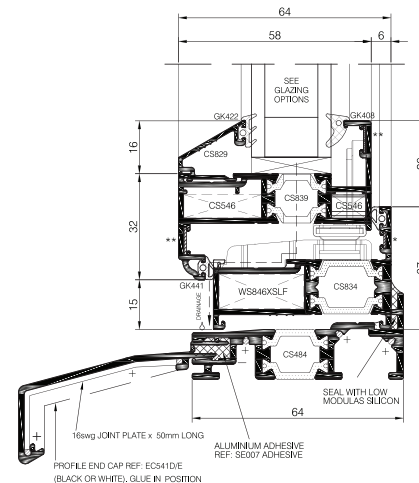
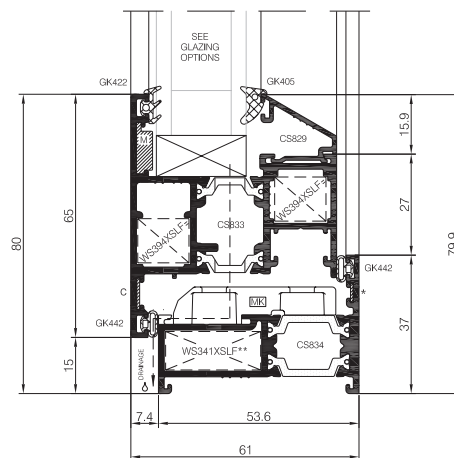
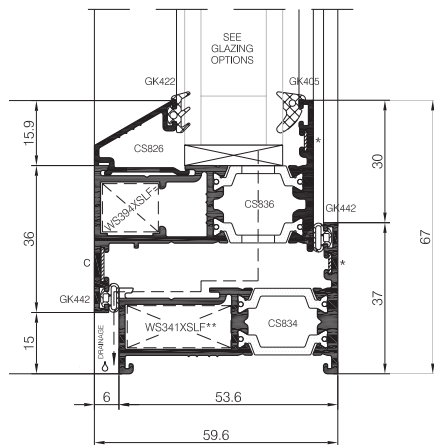




# COMAR 5P.i ECO

**ECO-nomic and ECO-friendly, the Comar 5P.i ECO system provides an economic solution using 100% recycled aluminium**

- Single or Dual Colour Options at the same price
- Slim 55mm or 75mm Profile Depths
- Casement Open-out Windows, Side Hung & Top Hung
- Fixed-lights
- Side Projecting & Top Projecting for ease of cleaning
- Lifetime Homes compliant
- Ovolo feature option to the internal
- External Ovolo flat vent option
- Flat vent option
- Cockspur, Shoot-bolt or Espagnolette locking
- Reverse adaptors and couplers to create multi-light configurations
- Bay-pole options
- Range of aluminium sills
- Secured By Design Product License
- Kitemark for Enhanced Security
- Exceeds BS6375 Parts 1, 2 & 3
- Tested to 10,000 open and closing cycles
- Accepts Trickle Ventilators to meet Building Regulations
- Exceeds the latest Requirements of Documents L
- WER A++ rating
- Can be restricted for safety
- Glazing up to 34mm
- Internally or Externally Beaded
- Lifetime Homes Compliant







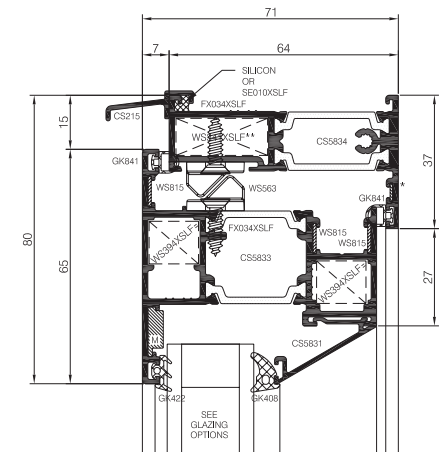
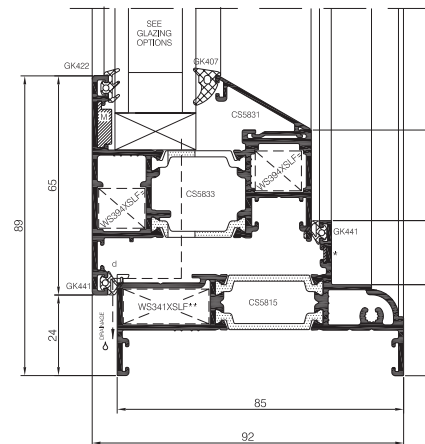
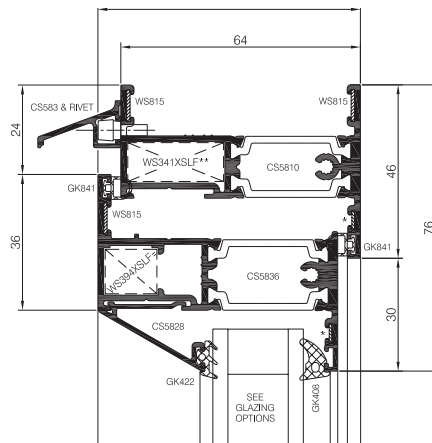
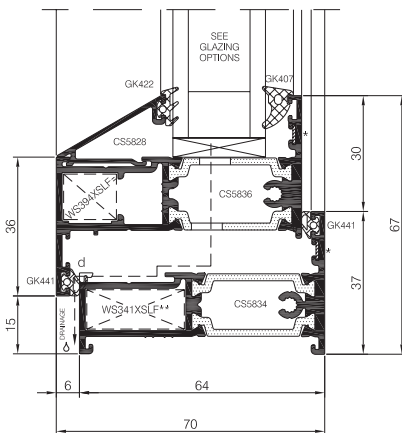


# COMAR 5P.i ECO+

**With all the ECO benefits, ECO+ offers improved thermal performance for casement windows with the option to include foam for an insulated solution**



- Single or Dual Colour Options at the same price
- Slim 65mm or 75mm Profile Depths
- Casement Open-out Windows, Side Hung & Top Hung
- Fixed-lights
- Side Projecting & Top Projecting for ease of Cleaning
- Lifetime Homes compliant
- Ovolo feature option to the internal
- Internally or Externally Beaded
- Cockspur, Shoot-bolt or Espagnolette locking
- Reverse adaptors and couplers to create multi-light configurations
- Bay-pole options
- Range of aluminium sills
- Secured by Design License
- Kitemark for Enhanced Security
- Exceeds BS6375 Parts 1, 2 & 3
- Tested to 10,000 open and closing cycles
- Accepts Trickle Ventilators to meet Building Regulations
- Exceeds the latest Requirements of Documents L
- WER A++ rating
- Can be restricted for safety
- Glazing up to 40mm



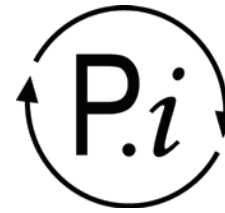




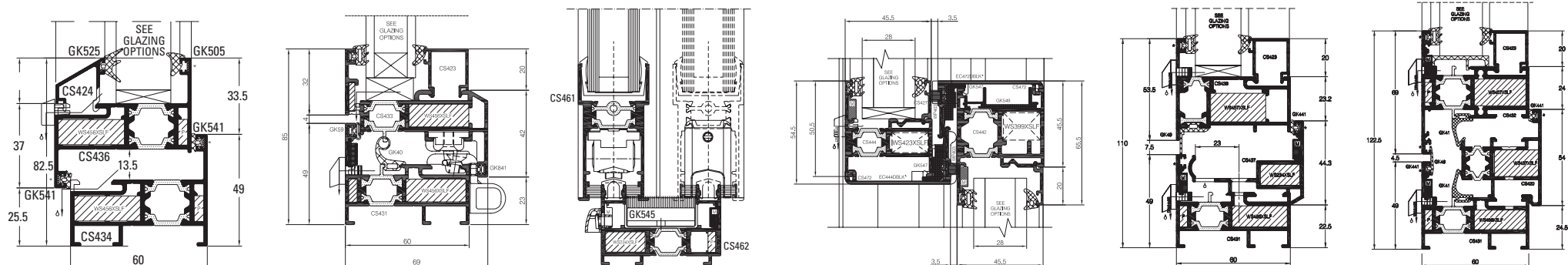


# COMAR 5P.i 60mm

**The original window utilising the trade-marked P.i. Polyamide Insulation thermal break Technology. Whatever your window configuration Comar 5P.i has the solution**



- Single or Dual Colour Options at the same price
- Slim 60mm Profile Depths
- Casement Open-out Windows
- Fixed-lights
- Side Hung & Top Hung
- Side Projecting & Top Projecting for ease of Cleaning
- Tilt & Turn
- Side Hung Open-in (Turn/turn)
- Horizontal & Vertical Pivot Windows
- Vertical Sliding Windows
- Horizontal Sliding Windows
- Top-swing Reversible
- Open-in French Casement Windows
- Cockspur, Shoot-bolt or Espagnolette locking
- Curtain wall adaptors
- Reverse adaptors and couplers to create multi-light configurations
- Range of aluminium sills
- Secured by Design License
- Kitemark for Enhanced Security
- Exceeds BS6375 Part 1, 2 & 3
- Tested to 10,000 open and closing cycles
- Accepts trickle ventilators to meet Building Regulations
- Exceeds the latest requirements of Documents L
- WER A++ Rating
- Can be restricted for safety
- Glazing up to 45mm
- Internally or Externally Beaded
- Lifetime Homes Compliant





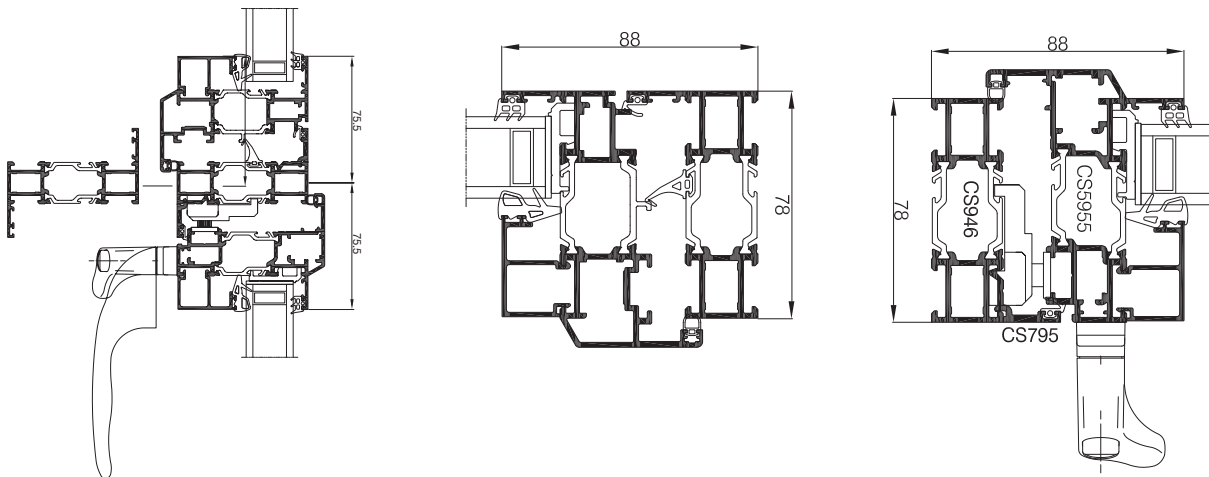
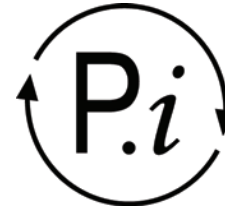




# COMAR 5P.i ADVANCED

## Comar 5Pi Advanced Casement and Tilt/Turn: The future proof solution for integration and thermal efficiency

- Single or Dual Colour Options at the same price
- Slim 78mm Profile Depths
- Integrates into 78mm, 100mm and 120mm high Span Outer frames
- Casement Open-out Windows
- Fixed-lights
- Side Hung & Top Hung
- Side Projecting & Top Projecting for ease of Cleaning
- Tilt & Turn
- Side Hung Open-in (Turn/turn)
- U-value as low as 0.99
- Optional thermal foam for greater thermal efficiency
- Top-projected Casements as large as 2500mm
- Tilt/Turn as large as 2400mm
- Reverse adaptors and couplers to create multi-light configurations
- Seamless integration with Comar door systems; utilising the same outerframes
- Curtain Wall Adaptors
- Range of aluminium sills
- Secured by Design License
- Kitemark for Enhanced Security
- Cockspur and Shoot-bolt or Espagnolette locking
- Exceeds BS6375 Part 1.2 & 3
- Tested to 10,000 open and closing cycles
- Accepts Trickle Ventilators to meet Building Regulations
- Exceeds the latest Requirements of Documents L
- WER A++ Rating
- Can be restricted for safety
- Glazing up to 62mm
- Internally or Externally Beaded
- Air 600Pa, Water 900Pa, Wind Resistance 2400Pa
- Lifetime Homes Compliant





## FINISHING TOUCHES

**All windows have euro-groove fitting so you can select from Comar's standard range of hardware or self-source for your discerning customers.**

Comar offer single colour Polyester Powder Coating at the same price as dual colour and you can choose from over 150 standard RAL colours, as well as exciting new colour innovations and finishes. Comar offer a ten-year design warranty, and with Polyester Powder Coating offering a 25 year guarantee you can guarantee your Customers a solution that will stand the test of time.



*Team Comar -  
Celebrating 50 years of  
excellence in 2017*



# MANUFACTURING THE COMAR 5P.i WINDOW SERIES

**Manufacturing the Comar 5P.i Window Series has never been easier. Our National Team of Business Development Managers and Technical Engineers are on hand to guide you through the initial stages. Comar Alu-Start offers you:**

- Estimating Software, Genesis, Installation & Training
- Tooling Packages for the Window Systems you select
- Advice on factory layout to maximise your productivity
- System training for your Contracts, Sales & Technical Staff
- Credit terms, discount structure, ordering and delivery terms

The cornerstone of Comar Alu-Start is the tools to do the job. Ensuring that your business maximises the efficiency of your factory space, each system has bespoke, engineered punch tooling as well as hand tools and jigs.



Each preparation has a punch tool station which reduces prep production time and costly errors. For volume production, Comar has extensive links with major CNC manufacturers, such as Elumatic and Emergi, offering advice on the best solution for your business. Macros are available for each system as well as CNC links from our Genesis V6 Estimating software

Comar's Estimating Software is Genesis. Developed in-house and with our fabricator partners, Genesis has developed into a comprehensive system with a multitude of reports from Purchase Orders, Glass Cutting Lists to Bill of Materials; the beauty of Genesis is that it is developed in-house so we can develop bespoke reports which are tailored to your business.

Fabricating aluminium for the first time? Our Technical Engineers can quickly train your staff in the correct usage and optimisation of profiles.

*Comar Alu-Start -  
Providing you with the  
tools to do the job.*











**Selecting Comar as your partner unlocks the backing and support from TPG – The Parkside Group, with a range of aligned building material products you can single source with a single point of contact**

The Parkside Group Limited, TPG, is a British independent group which delivers innovative building envelope solutions to the construction industry. TPG includes some of the most respected brands in the construction industry, including Comar Architectural Aluminium Systems, Axim Architectural Hardware, and Alu-Timber. We also distribute Duco Ventilation & Sun Control Systems. Together they deliver a unique

opportunity for professionals to rely on a single source solution for architectural aluminium, timber/composite systems, door hardware and ventilation products.

TPG's focus is to be the partner of choice for the design and delivery of innovative building envelope solutions to the construction industry. TPG is proud to be a highly responsive, service orientated, independent business that is known to help, support and value its employees, customers, suppliers and business partners. TPG's goal is to be a company that is a dynamic leader, respected for its professionalism, customer focus and entrepreneurial spirit.

TPG are committed to the provision of best in class customer service through its largest stock holding in the industry. This industry leading level of support and service ensures that our partners can provide fast and reliable delivery of products and installations to the construction industry with the shortest possible lead-times and capital outlay. This means that our partners can enjoy all the efficiencies that operating a JIT policy provides as well as having the ability to respond to short lead-time industry needs. This flexibility and responsiveness enables our partners and their clients deliver construction programmes in the most challenging of circumstances.



## **Technical Back-Up**

An experienced team covers the UK while the Technical Department offers an unsurpassed design and installation advice service to designers, specifiers and fabricators; simply call: +44 (0)20 8685 9685

## **For More Information**

To find out more about this or any other Comar Architectural Aluminium System, or to obtain your personal copies of the Comar Technical Manuals call: +44 (0)20 8685 9685 or fax on: +44 (0)20 8646 5096

## **TPG - The Parkside Group Ltd**

The Willow Centre  
17 Willow Lane, Mitcham  
Surrey CR4 4NX

Tel: +44 (0)20 8685 9685

Fax: +44 (0)20 8646 5096

E: [projects@parksidegroup.co.uk](mailto:projects@parksidegroup.co.uk)

[www.comar-alu.co.uk](http://www.comar-alu.co.uk)

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