

Comar Design Team

FABRICATOR NOTES



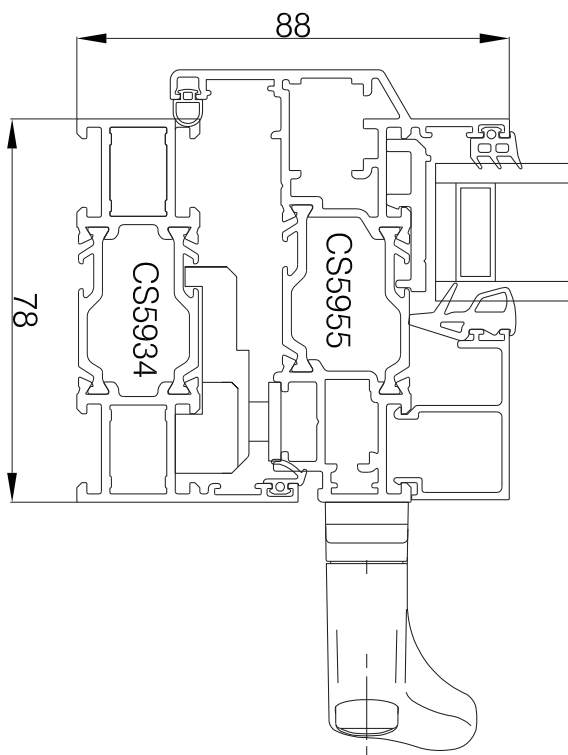
comar 5P.i advanced

Launch of Comar 5P.i Advanced

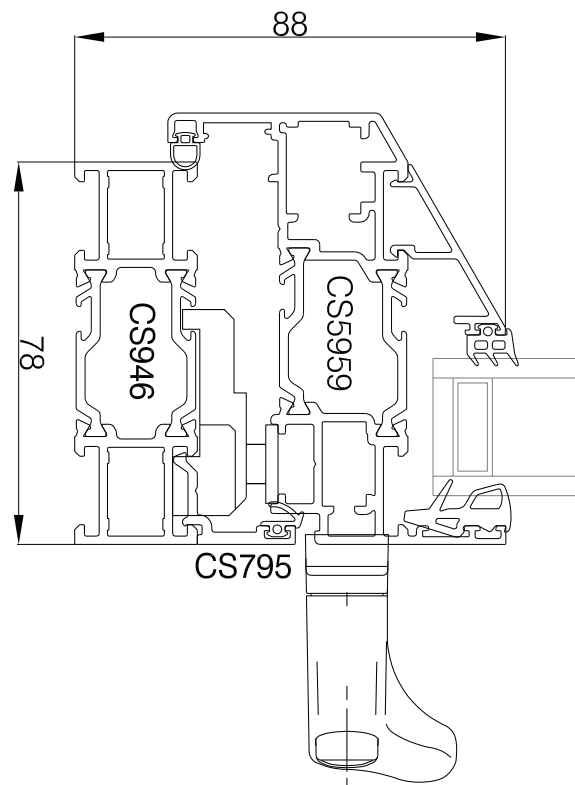
Based on the latest technology of our Comar 9P.i System, we are launching a brand new 5P.i casement window. This window, alongside the existing Comar 9P.i Tilt & Turn, will offer class leading U-values and sight line performance.

Therefore, the existing Comar 9P.i Tilt & Turn and the new casement will be launched as Comar 5P.i Advanced, with low U-values, matching sight lines and new additional profiles that will allow easier integration into Comar 9P.i Framing

Comar 5P.i Advanced Casement Internally Beaded



Comar 5P.i Advanced Casement Externally Beaded



Comar Designed for Performance, Backed by Delivery.

This offers Comar Approved Fabricators the following advantages:

- Comar 5P.i Advanced Casement has new vent and outer frame profiles so no reverse adaptors are required, reducing costs for both stand alone casements and integration into Comar 9Pi framing
- Comar 5P.i Advanced Casement matches the sight lines of the tilt/turn
- Slimmer sight lines on Comar 5P.i Advanced casement means lower U-values
- Comar 5P.i Advanced Casement offers both internal and externally beaded options
- Crimping and mechanical cleating options are both available
- Uses existing locking options – shoot-bolt, cockspur
- New “Z” section profiles allow the glazing of open-in and open out configurations next to each other, for instance, open-out top lights above and open-in tilt/turn or door with no need for reverse adaptors
- Loose bead options – reducing the amount of different profiles when making up grids
- BS 6375, Comar 5P.i Advanced has been tested with the new vent profiles and achieves 600Pa on both air and water
- PAS 24:2012, Comar 5P.i Advanced has been tested and passed at BSi
- For even lower U-values thermal foam is available and in stock for all profiles
- With the addition of one station to existing 9Pi tooling the same punch tooling can be used – reducing associated set up costs for fabricators
- All profiles/accessories are tried and tested and are in stock at Comar HQ
- Positive feedback about the fabrication of Comar 9Pi ensures production staff can easily take on these new solutions
- Clearer market identification of Comar’s window solution i.e. 9Pi windows are not just for opening vents into a framing system and extending the life of the Comar 5P.i brand

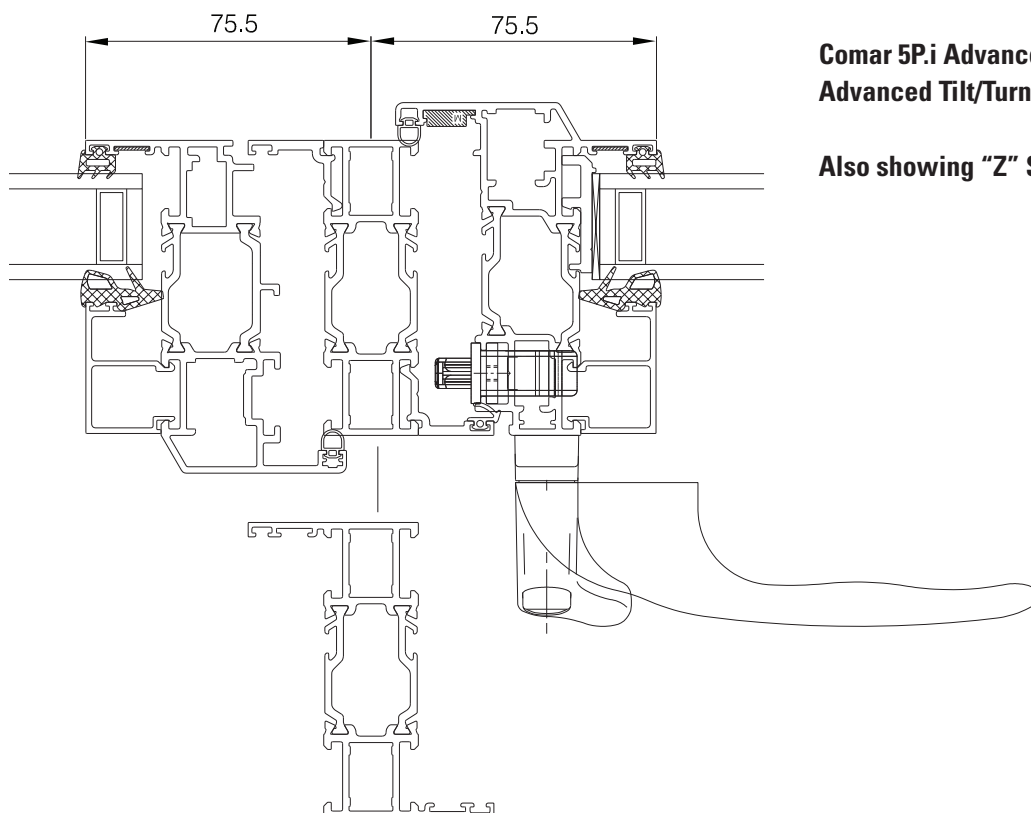


Additional New Profiles

To provide this added functionality, we have designed an additional 15 new profiles. These are broken down into the following:

- 3 new beads
- 2 new casement vent profiles for internal/external bead
- 2 new “Z” section allowing the transfer from open-in or open-out with no need for any add-on profiles
- 8 new outerframes, transom profiles allow integration into Comar 9Pi framing and slimmer sight lines

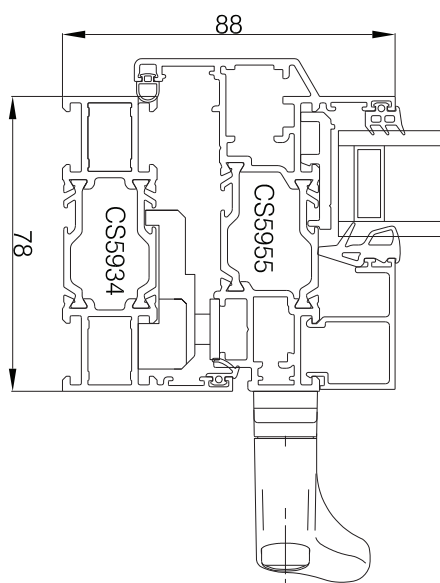
It's All in the Details



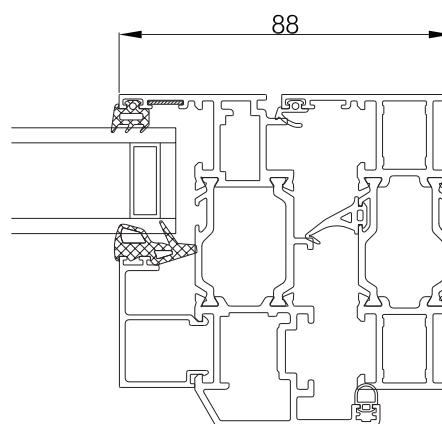
Comar 5P.i Advanced Casement next to Comar 5P.i Advanced Tilt/Turn using Loose Bead Option.

Also showing "Z" Section Option

Comar 5P.i Advanced Casement



Comar 5P.i Advanced Tilt/Turn



Technical Capabilities

- Glazing 17mm-62mm
- PAS 24:2012
- BS 6375 Air 600Pa, Water 600Pa
- Integrates with Comar 9P.i Ladder & Mitre Framing
- Integrates with Comar 7P.i FSD & Comar 7P.i CD
- U-values as low as 0.94

Comar 5P.i Advanced	Maximum Width	Maximum Height	Weight
Tilt & Turn	1700mm	2400mm	115kg
Bottom Hung Open-in	1740mm	2400mm	115kg
Side Hung Open-in	1700mm	2400mm	115kg
Top Projected	-	2500mm	115kg
Side Projected	1000mm	-	40kg

Comar 5P.i Advanced Project Portfolio with Integration in Comar 9P.i Framing



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