Comar

Product Data Sheet

Comar 6EFT

A flexible curtain wall system designed to deliver bespoke facade solutions beyond conventional curtain walling, suitable for sheer high-rise, sloped and inclined facades.

Developed as a flexible 50mm sightline system, Comar 6EFT supports a wide range of architectural applications including capped curtain walling, structural glazing, concealed vents and roof glazing configurations, while delivering exceptional structural and weather performance.

System Snapshot

- Facetted design - enables external and internal curves including 90° corners
- BS 6262 compliant mullion-drained system for ventilated and drained glazing systems
- Windows/Concealed vents - Top or side-hung windows integrate seamlessly into the curtain wall. Concealed vents maintain consistent slim sightlines when closed

Comar 6EFT

Key Features

- Thermally broken alumimium stick assembly curtain wall system
- Available in capped curtain walling, 2-sided structural glazing, 4-sided structural glazing, and concealed vent configurations
  - 2-sided Structural Glazing
    Offers greater design flexibility with vertical or horizontal sightlines and a choice of cover caps. Thermally efficient with a 20mm EPDM or silicone joint
  - 4-sided Structural Glazing
    Creates clean facades with no visible aluminium sightlines. A discreet 20mm EPDM joint provides thermal efficiency (silicone option available)
- Concealed vents delivers uninterrupted eternal sightlines
- Facetted glazing options available for internal and external curves
- Mullion drained and pressure equalised system for effective water management
- Wide range of mullion and transom sizes available to suit structural requirements
- Variety of feature cover caps available including square, elliptical and bullnose designs
- Suitable for commercial, education, healthcare, retail and mixed-use developments, including high-rise and complex facade designs

Materials

- Extruded aluminium is generally Aluminium Alloy 6060.T6/T66, 6063.T6/T66 to BS EN 755-9 and EN12020-2
- 70% recycled aluminium and recyclable at end of life
- Polyamide thermal barriers are manufactured in accordance with PA66 GF25
- Gasketry is manufactured in accordance with BS ISO 3302-1
- Fixings are A2 Stainless Steel

Finishes

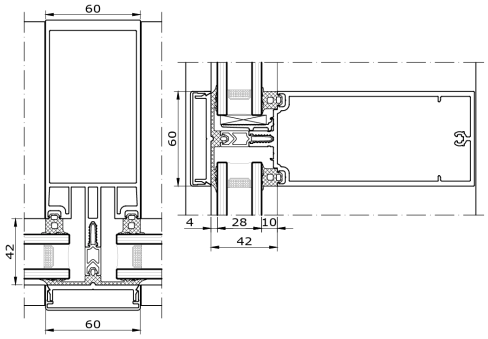
- Polyester Powder Coating to BS EN 12206-1 Part 1. Surface finish to a minimum of 60 microns standard, or enhanced to suit requirements, in accordance with ISO 9001, ISO 14001 and ISO 45001
- Anodised finishes to BS3987 to a minimum of 25 microns (AA25)
- Wide range of RAL, BS and Syntha Pulvin colours available
- Marine grade finishes available subject to project specification
- Dual colour options available

Product Specifications

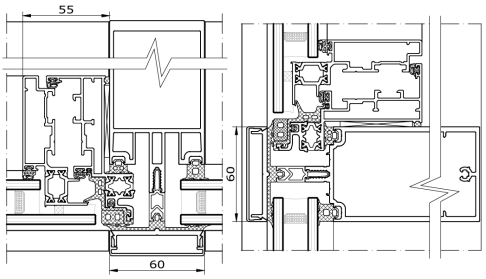
Sizes	
Face width profiles	50mm
Thickness	4mm-56mm
Testing	
Weather CWCT	Air Permeability 600Pa
	Water Tightness 600Pa
	Wind Resistance 2400Pa
Embodied Carbon	
Aluminium	as low as 4.0Kg CO2e/Kg

For further information, please refer to the fabrication manuals.

Fully Capped Curtain Walling Details



Including Comar 6EFT Concealed Vent



FM 679527 EMS 679524

Police Preferred Specification

Interested in learning more?

Contact **projects@builtwithbailey.com** or visit builtwithbailey.com or scan the QR code.

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