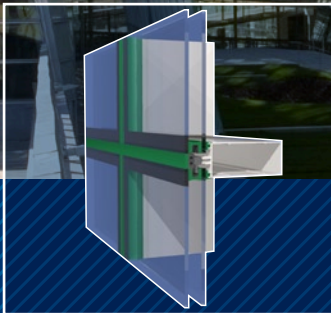
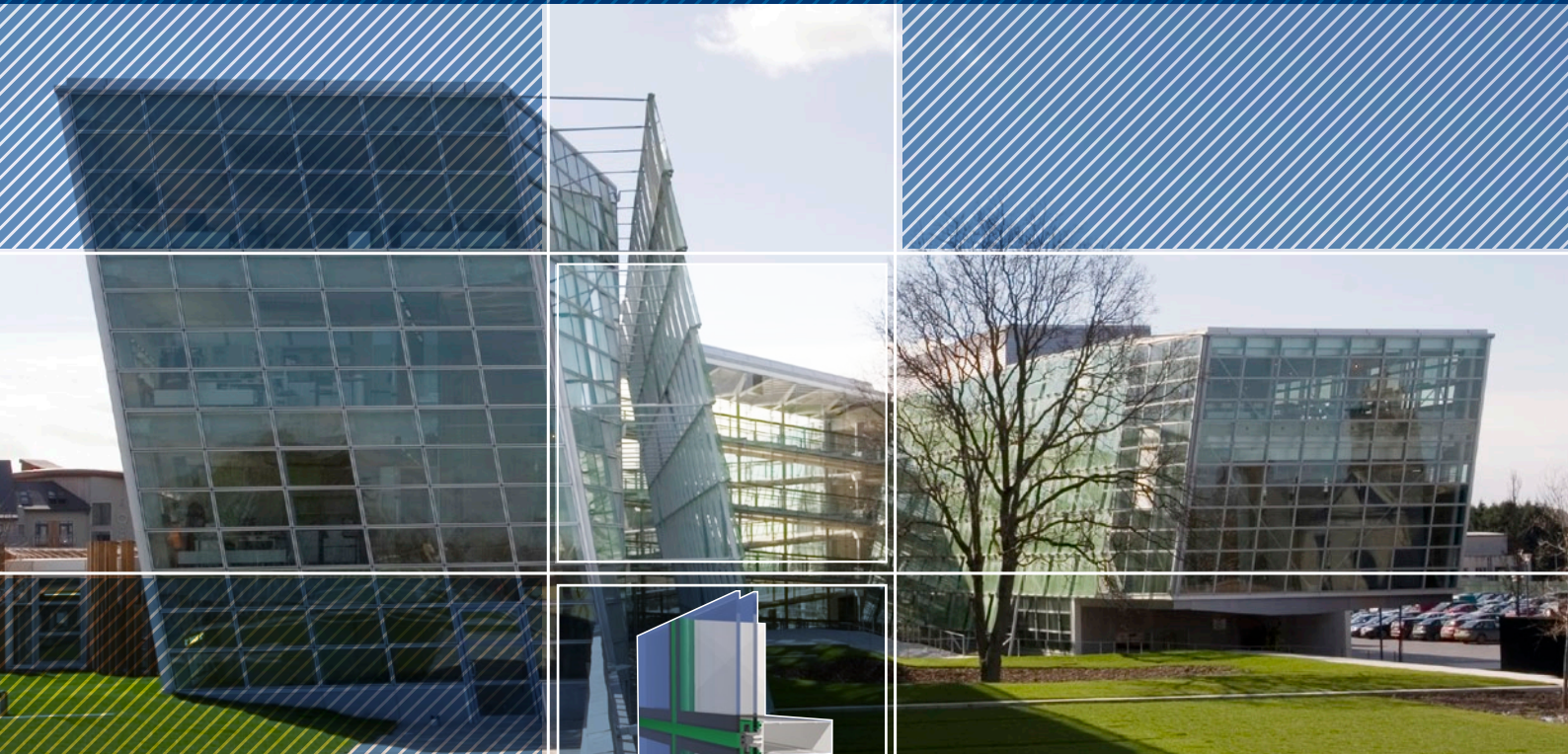
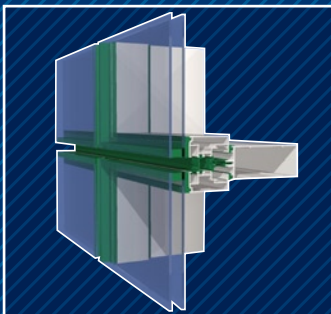


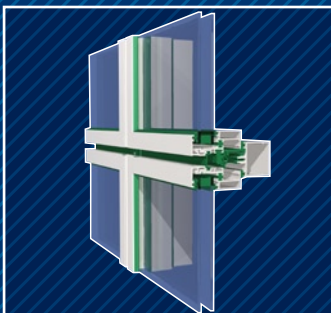
Aluminium in Architecture



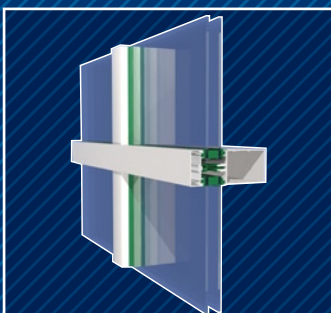
FACADE TB50 SG
- Structural glazed curtain wall system



FACADE TB40
- Bonded modular system



FACADE TB35
- Bead glazed modular system



FACADE TB50
- Curtain wall system

FACADE TB50

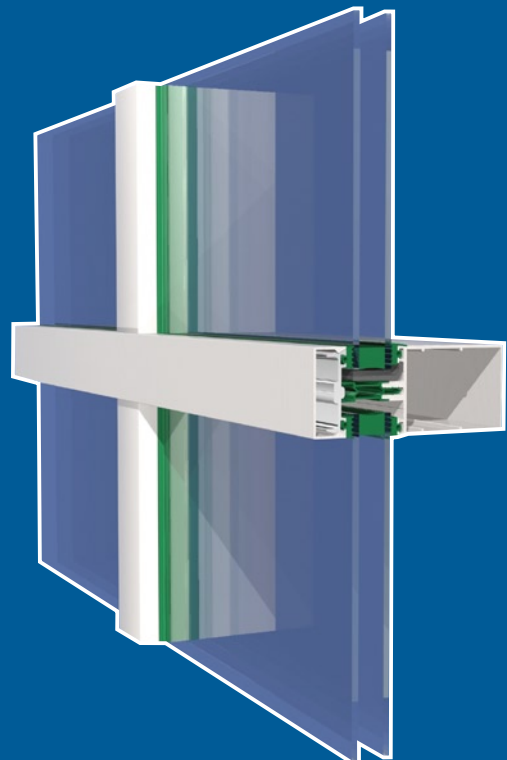


CURTAIN WALL SYSTEM

The Facade TB50 curtain wall system is the ideal choice when it comes to providing a facade or atrium roof light. Combining structural strength with aesthetic appearance the thermally broken, drained and ventilated Facade TB50 system offers the opportunity to include modern features in a building without compromising the thermal, acoustic or structural properties required to meet the highest standards in construction. A feature of the Facade TB50 is the multiple choice of the mullions and transoms allowing designers achieve large spans whilst maintaining a 50mm sight line. The Facade TB50 has been fully tested to all the relevant EN and CWCT standards and carries the mandatory CE mark. Features such as bold horizontal lines in the facade can be created using the elliptical shaped capping which is part of the system.

> ADVANTAGES

- *Highly versatile system*
- *Excellent thermal & acoustic properties*
- *50mm sight line*
- *Fully tested to meet with the requirements of the CE mark and CWCT*

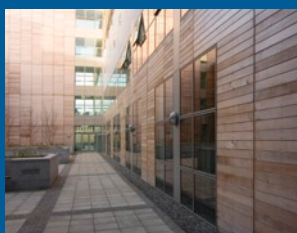
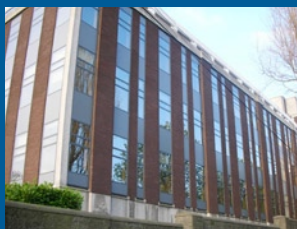


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FACADE TB35



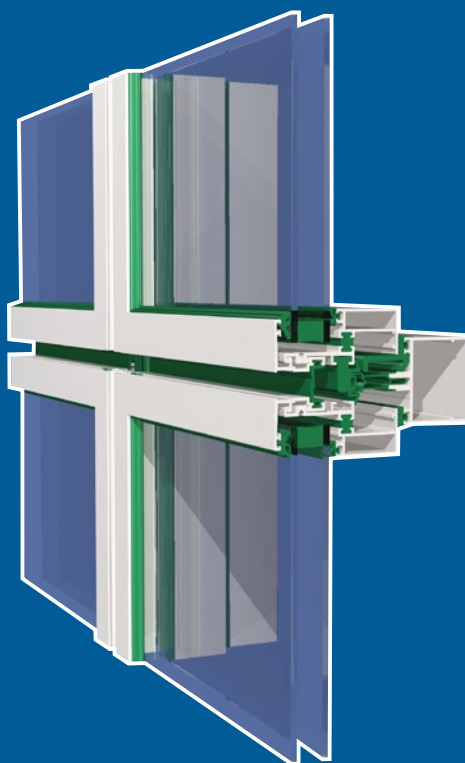
APA Systems reserve the right to change specifications without prior knowledge

BEAD GLAZED MODULAR SYSTEM

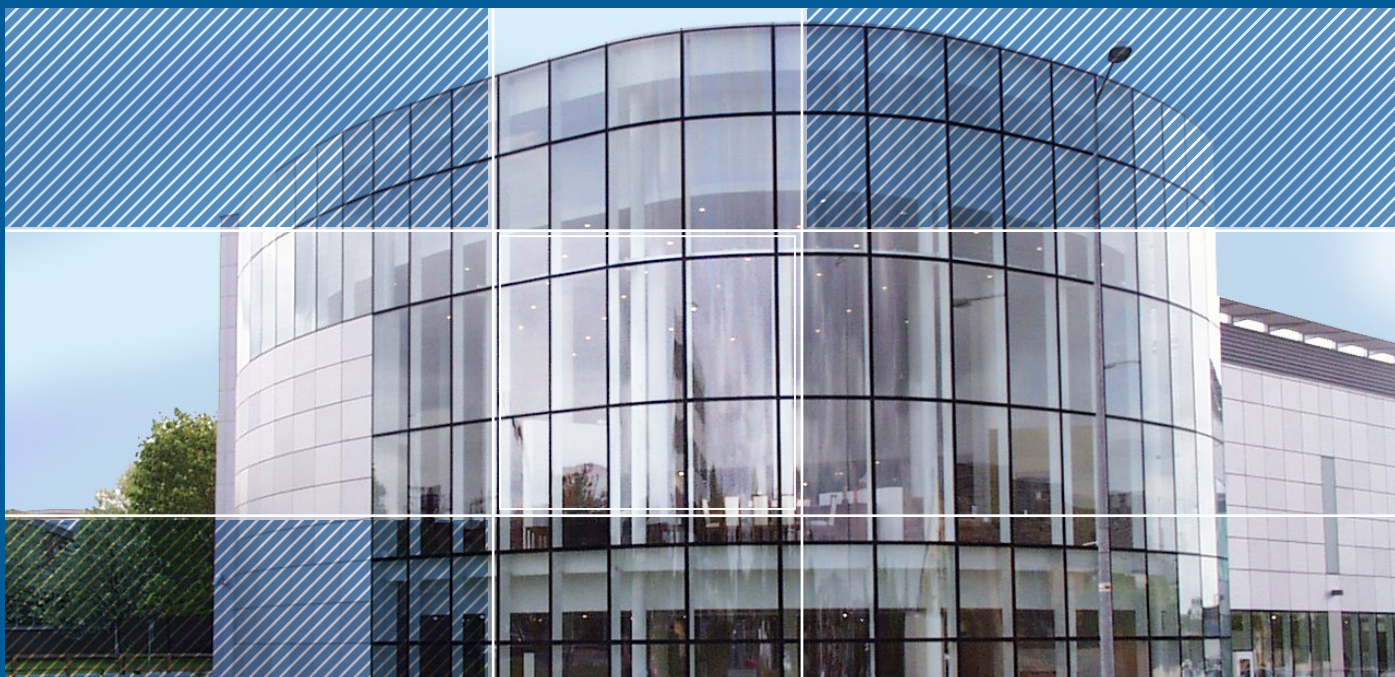
The thermally broken and aesthetically pleasing TB35 is a modular system with narrow sight lines and a wide range of accessories that integrate into the system. Each modular frame is 29mm in width and combined with the 14mm shadow gap gives a total sight line of 72mm, which is one of the slimmest on the Irish market. Combinations of the different framing profiles give the architect versatility when it comes to the inclusion of flat or raised metal panels, louvered panels, channels, timber rain screen panels and concealed sashes. The combination of Facade TB50 as the support grid and the modular TB35 as the external finish, the slim appearance makes this modular system a popular choice with designers.

ADVANTAGES

- 72mm external sight line
- Excellent thermal performance
- Available in dual colour
- Integrated vent & panel system available
- 14mm consistent shadow gap



FACADE TB40



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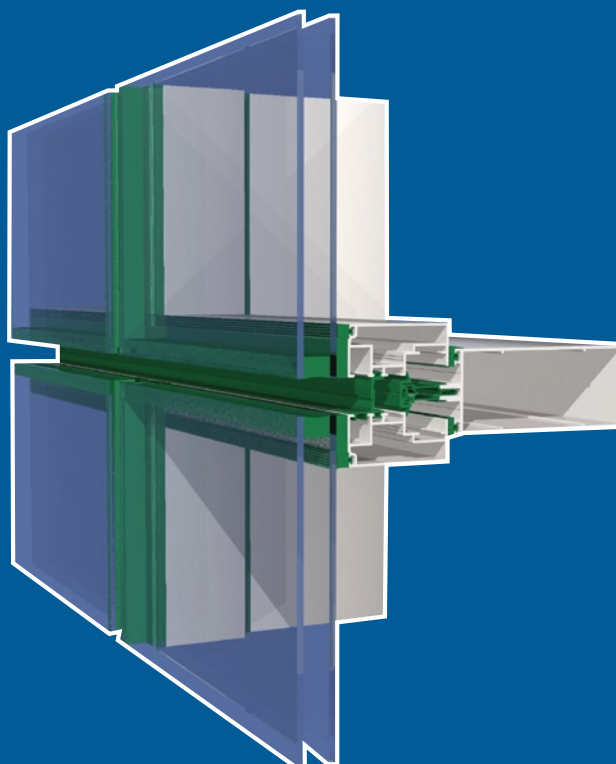
BONDED MODULAR SYSTEM

The TB40 modular system achieves its stylish look because the glass is bonded to an internal frame and is then fixed to the Facade TB50 system grid, thereby exposing no framing to the external surfaces of the facade.

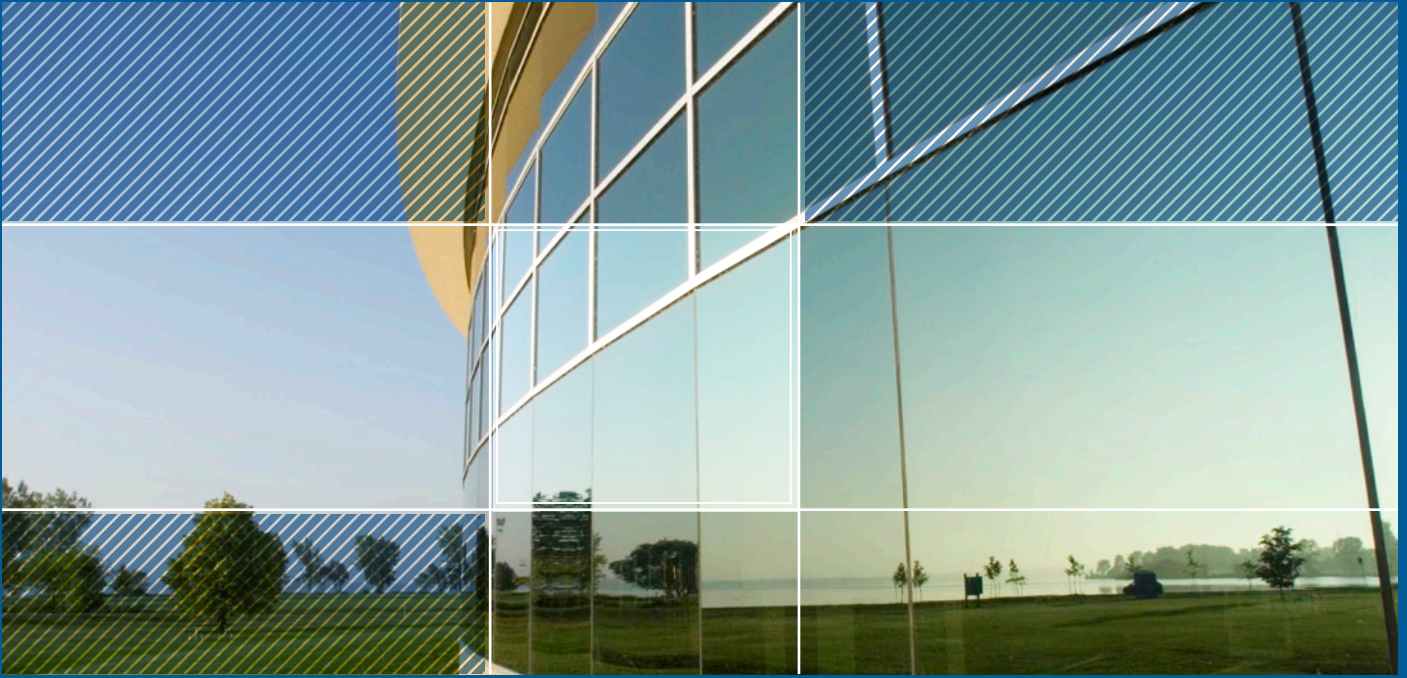
Using the Facade TB50 as a support grid the TB40 system can be installed in a variety of grid sizes whilst still maintaining its excellent structural qualities. Concealed sashes and integrated insulated panels all form part of the system and do not interrupt the visual consistency of the modular grid. With a shadow gap of 20mm and the versatility of conventional curtain walling the TB40 modular system is becoming the designer's choice, creating light and space using a modern and fashionable concept.

ADVANTAGES

- No visible external framing or capping
- Modular grid for consistency
- Concealed vents available
- Flush appearance



FACADE TB50 SG



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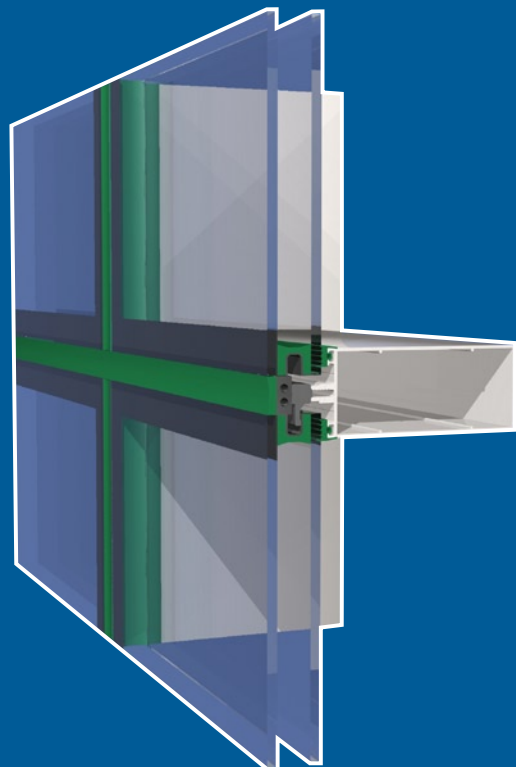
STRUCTURAL GLAZED CURTAIN WALL SYSTEM

Using the Facade TB50 curtain wall system as its support grid and with no need for capping to retain the glass in place, the Facade TB50 SG system produces a flush finish to the exterior face of the facade. The glass is secured in place using toggles, which are placed into channels, these form part of the central seal of the double glazed units. All joints are weathered using a silicone seal producing a flush non-interrupted surface of glass-to-glass butt joints. Fitting of the edges of the double glazed units is not required when a black spacer bar along with a special Dow Corning edge seal is used.

The double glazed units are manufactured in Ireland ensuring short lead times.

> ADVANTAGES

- 50mm sight line
- Non interrupted external surface
- Concealed sashes available





APA SYSTEMS

Over the past decades APA Systems has become one of the market leaders in the supply of quality aluminium systems. APA supplies an extensive range of high specification aluminium systems to the Irish market. These include curtain wall facades, high performance window, door and modular framed systems. APA's experienced team welcomes the opportunity of discussing designs and solutions with the architect throughout all stages of building projects.

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Unit 12, Parkmore Industrial Estate, Longmile Road, Dublin 12, Ireland.

Telephone: + 353 1 4509102 Fax: + 353 1 4501557/4509530 Email: info@apasystems.ie Web: www.apasystems.ie