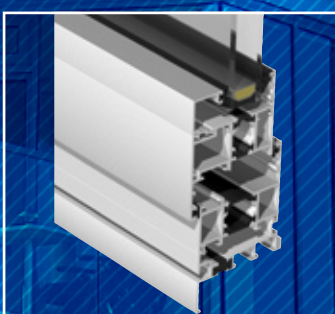
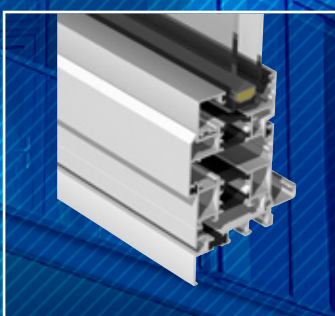
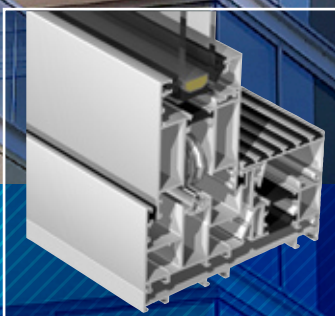


## Aluminium in Architecture



DL6 70  
HIGH-PERFORMANCE  
WINDOWS & DOORS

### DOOR SYSTEMS

- Rebated Casement Door
- Multi-Panel Sliding Door
- Tilt and Slide

### WINDOW SYSTEMS

- Rebated Casement
- Tilt and Turn

**APA**  
SYSTEMS



## DL6 70 DOOR SYSTEMS



### High Performance Door Systems

The **DL6 70 Rebate Door** is available in open in or open out, single or double leaf and has four different threshold types. The door has a non-interrupted rebate cover of 8mm, along with a versatile locking system with corner drives. The system has excellent weathering characteristics along with the following additional features; integrated fanlights, internally beaded for extra security, variable glazing thickness, and hinge covers that can be painted to match the door.

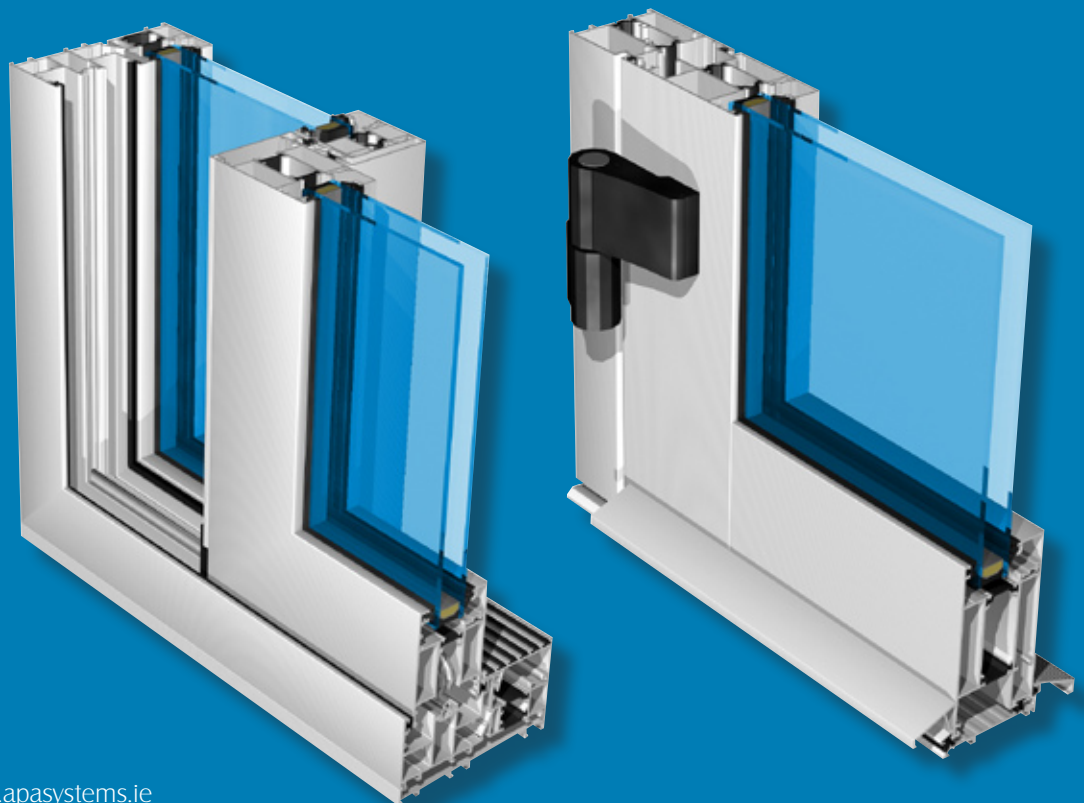
The **DL6 70 Aluminium Sliding Door** system offers great versatility when designing the façade of a modern apartment block or hotel. Single sliding doors can be incorporated into multiple fixed pane screens. Integrated open out sashes. For extra security the door system is internally bead-glazed and has multipoint locking. The doors are available in dual colour.

#### REBATE DOOR ADVANTAGES

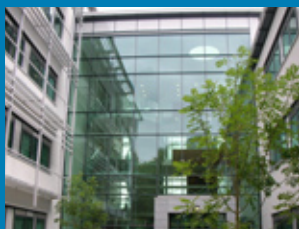
- 8mm rebate cover
- Fully tested
- Dual colour
- Multipoint locking
- Multiple thresholds
- Concealed flush bolts

#### SLIDING DOOR ADVANTAGES

- Fully tested
- Dual colour
- Multipoint locking
- Integrated open out sashes
- Internally bead glazed
- Variable glazing thickness
- Max slider weight 160Kgs



## DL6 70 CASEMENT WINDOW

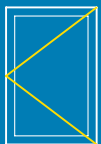


### High Performance Casement Window Systems

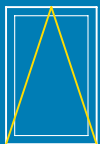
The high performing DL6 70 casement window system has many features that benefit designers, including an extensive range of profiles and thermal properties. The system's excellent thermal and acoustic properties are accomplished by using 25mm and 32mm polyamide thermal inserts. By using this assembly technique the system can be painted in single or dual colour. The windows are available in a variety of different types and styles, for example Cockspur, Espagnollette, Bead in open out, and the multipoint locking SE system. The versatility of the locking and hinge system used in the SE casement window provides the design team with the extra advantage of being able to incorporate large open out sashes into the façade. The DL6 70 casement window systems are fully tested by independent laboratories to the current BS EN standards.

#### ADVANTAGES

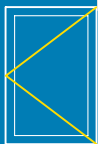
- Excellent thermal performance
- Dual Colour
- Versatile locking system with corner drives
- Optional butt hinges for larger sashes
- Variable glazing thicknesses
- Architectural style handles available in many finishes for the SE window
- Fully tested to current EN standards



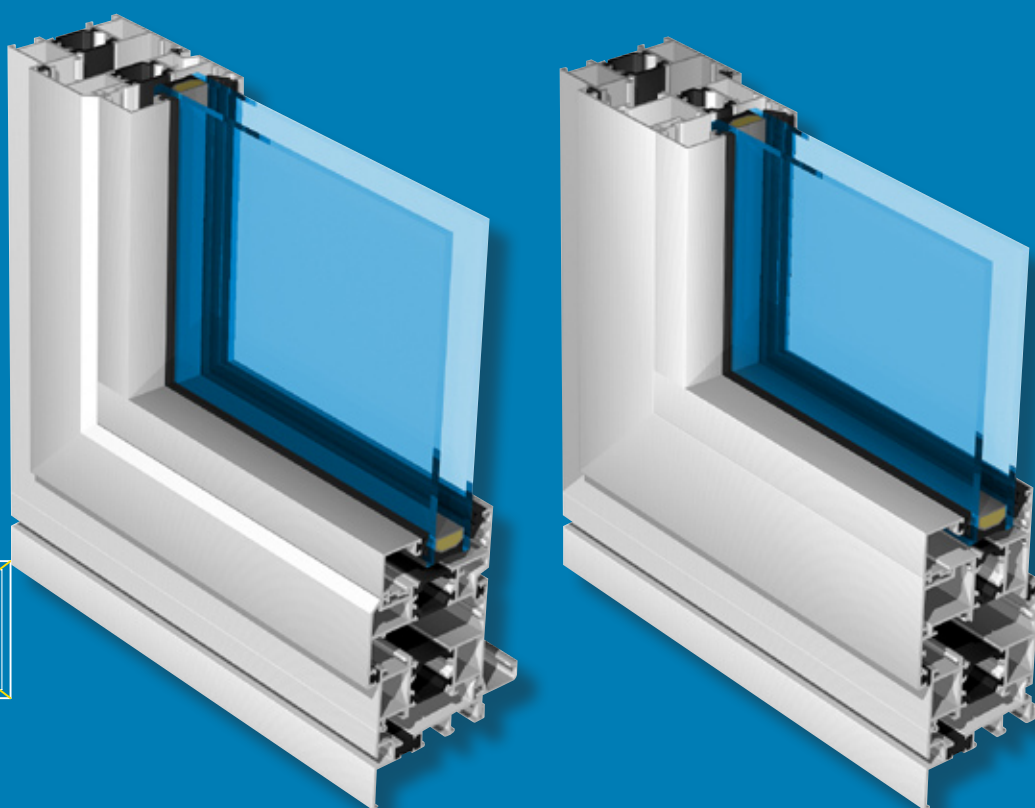
Side hung/open out



Top hung/open out

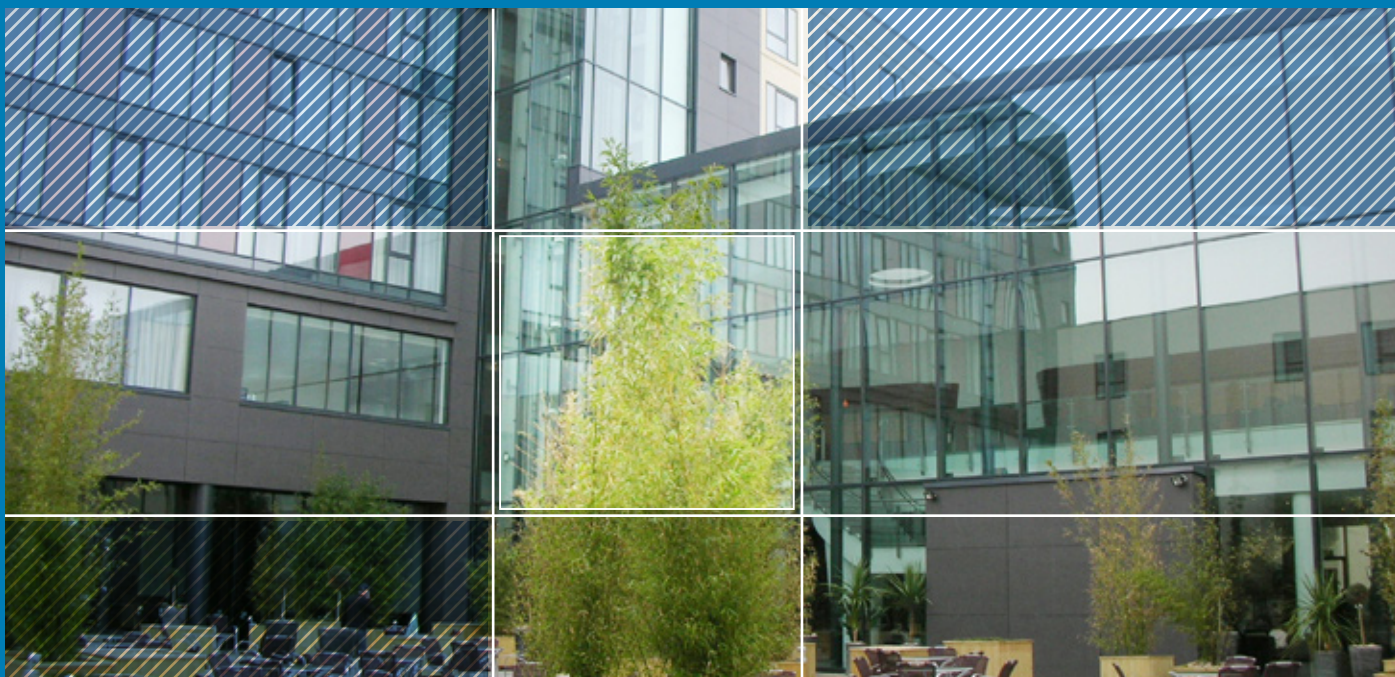


Bead in/open out





## DL6 70 TILT & TURN WINDOW SYSTEM



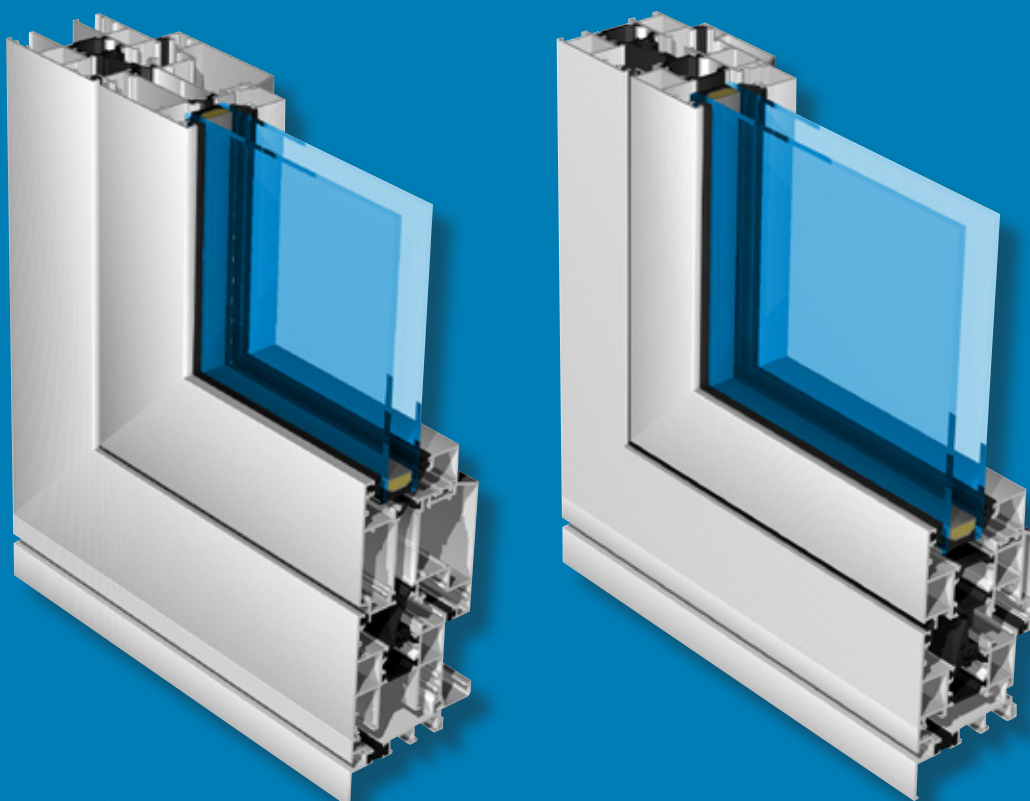
### High Performance Tilt and Turn Window Systems

The high performing DL6 70 tilt and turn window system has an extensive range of profiles. Its features include excellent thermal properties and a large selection of bulb mullion and couplers, facilitating larger windows. The slim or wide outer frame allows a designer to choose concealed or standard tilt and turn gearing.

The DL6 70 tilt and turn window system has been fully tested by independent laboratories to the current BS EN standards

#### TILT AND TURN ADVANTAGES

- Excellent thermal performance
- Dual Colour
- Variable glazing thicknesses
- Architectural style handles available in different finishes
- Concealed or standard gear can be used
- Extensive range of profiles
- Fully tested to current EN standards



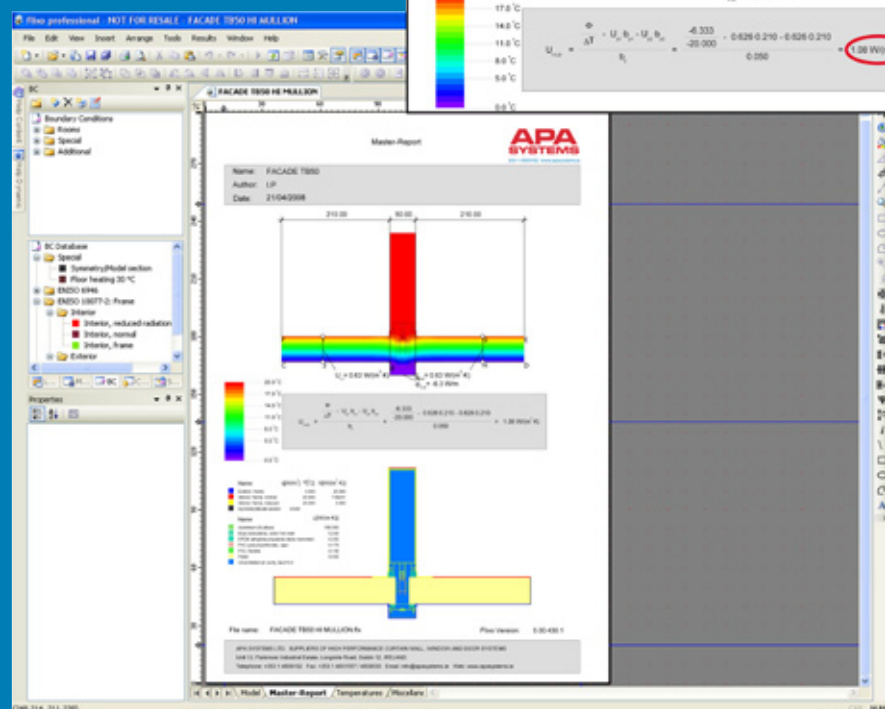
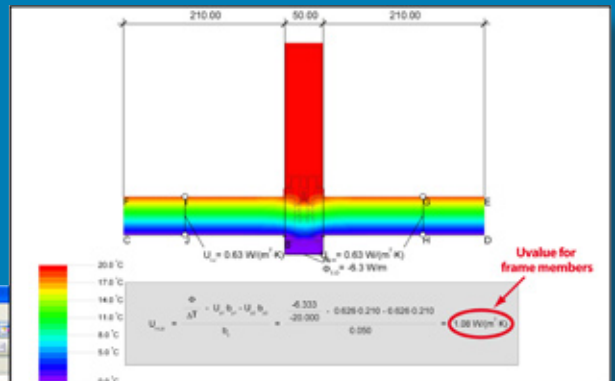


## THERMAL ANALYSIS



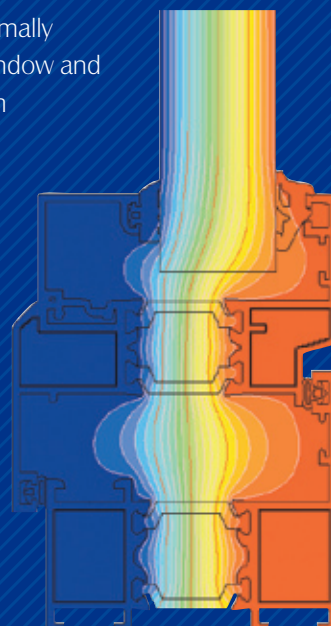
### U-Values and Glazed Aluminium Façades

APA Systems Ltd have the most up to date thermal analysis and calculation software packages available to help you choose the right type of aluminium system and glass to meet with your design specifications. One software package evaluates the aluminium framing system along with producing condensation prediction calculations, and the other evaluates the façade or window schedule and calculates an overall U-value for it.





DL6 70 thermally  
efficient window and  
door system



## 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.

### The designer's choice for:

- Schools and Institutions
- Hospitals and Clinics
- Hotels and Apartments
- Office Buildings

## TURNING ARCHITECTURAL DESIGN INTO REALITY

- Curtain wall systems
- Modular framed systems
- High performance window and door systems
- Structurally bonded framed systems
- Brise Soleil

**APA**  
SYSTEMS

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

Telephone: + 353 1 4509102

Fax: + 353 1 4501557/4509530

Email: [info@apasystems.ie](mailto:info@apasystems.ie)

Web: [www.apasystems.ie](http://www.apasystems.ie)