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bespoke window & door systems created with intelligent technology

# **Innovative** Systems



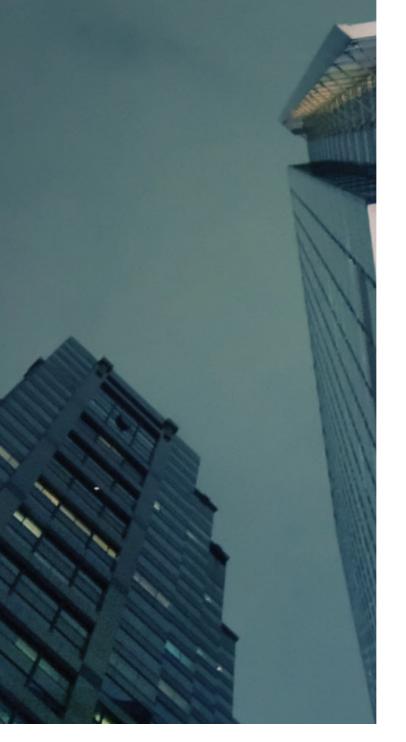
Performance Window
AP134 Therm+

# High performance systems

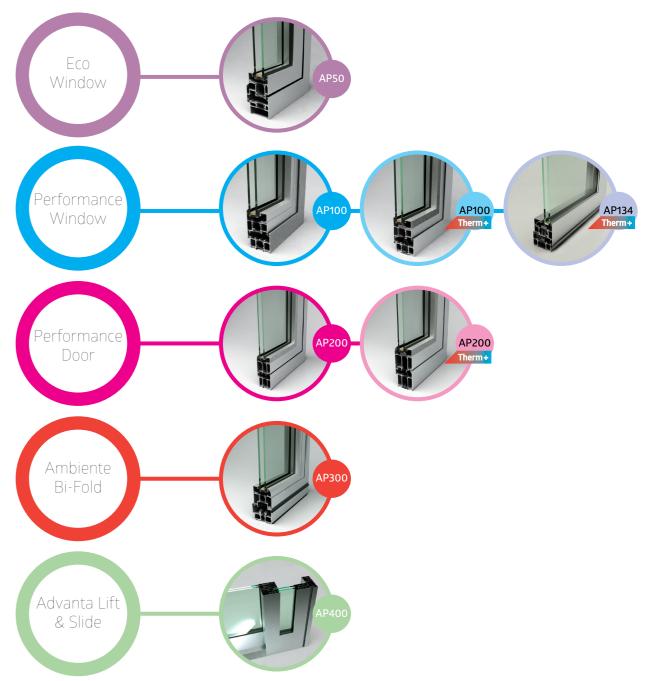
APS is a leader in the design and manufacture of architectural aluminium glazing systems for the commercial construction industry. We offer a ourselves on technical design, comprehensive range of systems from curtain walling to windows and doors, with an extensive

list of accessories and options. Based in Northern Ireland we extensively distribute throughout the UK and Ireland and we pride developing and delivering an innovative product and service.





# Polyamide Range



### Performance Window AP134 Therm+

Weather BS6375 Pt1:2015 + A1:2016

**Operational Forces** BS6375 Pt2:2009

**Basic Security** BS6375 Pt3:2009 + A1:2013

**Type:** Extruded aluminium alloy profiles, which incorporate a 34mm polyamide thermal break barrier across the AP134 Therm+ which is thermal enhanced for incresed performance.

Material: Profiles extruded from aluminium alloy 6063 T6 and T5 to BS EN 12020-2:2001/BS7559:2001

Finish: Polyester powder coated, minimum thickness 60 microns to BS6496

Colour: choose from any colour across the RAL range.

## Therm+



Window safety



Illustration AP134 Therm+

### Performance Window AP134 Therm+

E 1500

Zero

CE 2400

3600pa

2400pa Class

### Testing: Water tightness

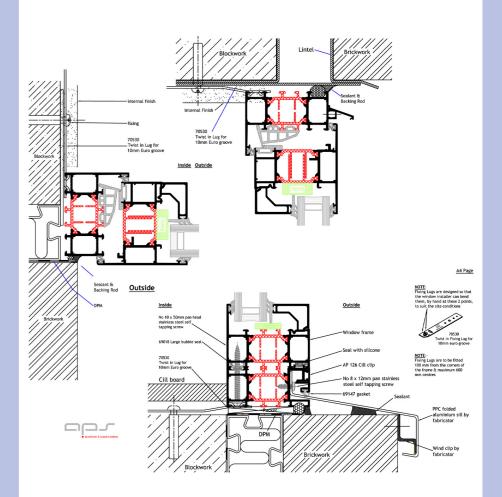
Air permeability Water penetration Wind resistance

Classification according to Table 1 of BS6375-1:2015 + A1:2016

Energy Performance: 1500pa Class The AP134 Therm+ is an enhanced insulated polyamide window system, 600pa Class 4 which also compartmentalizes the profile to act as insulated thermal pockets to enhance the window systems thermal efficiency.

### Glass:

System can accommodate 28mm double glazing to 54mm triple glazed for maximum efficiency.



Top hung - open out Bottom Hung - open in Side hung - open out Side hung - open in Tilt and turn Lockable cockspur handles Multi-point espangnolette lockable handles Tilt and turn gearing and handles Folding cam openers Electrical Actuators

Multi point locking with Rhino bolts Emergency exit push bars + external access Emergency exit toouch + external access Heavy duty restrictors Low rise threshold



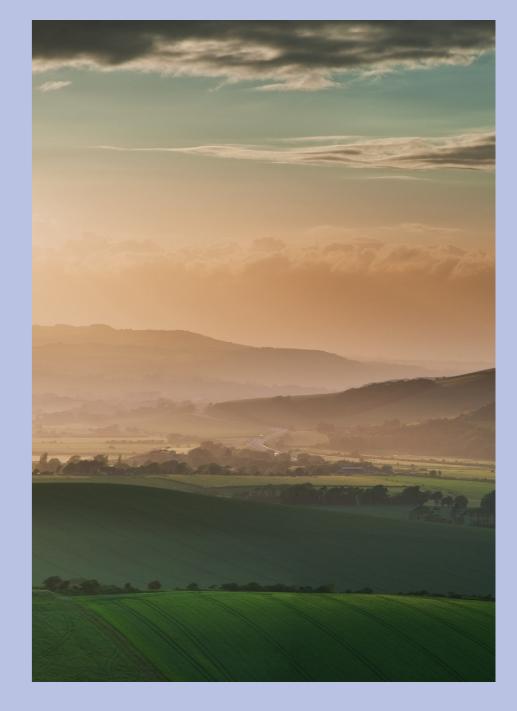


APS takes its environmental responsibility seriously. We believe in reducing our impact and carbon foot print, which applies to our suppliers and our clients. We are accredited with ISO14001 and operate an environmental management system.

### Material:

In terms of sustainability, aluminium is one of the best materials available. Its natural strength, lightness and durability makes it the ideal material for meeting architectural glazing requirements.

For our own production, we use recyclable aluminium billet 100% of the time and all production waste is recycled. Our extrusions carry a life expectancy of over 50 years. Significantly higher than ot materials and of course, it's 100% recyclable.





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