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bespoke window & door
systems created with
intelligent technology

Innovative Systems

Advanta-Lift & Slide
AP400

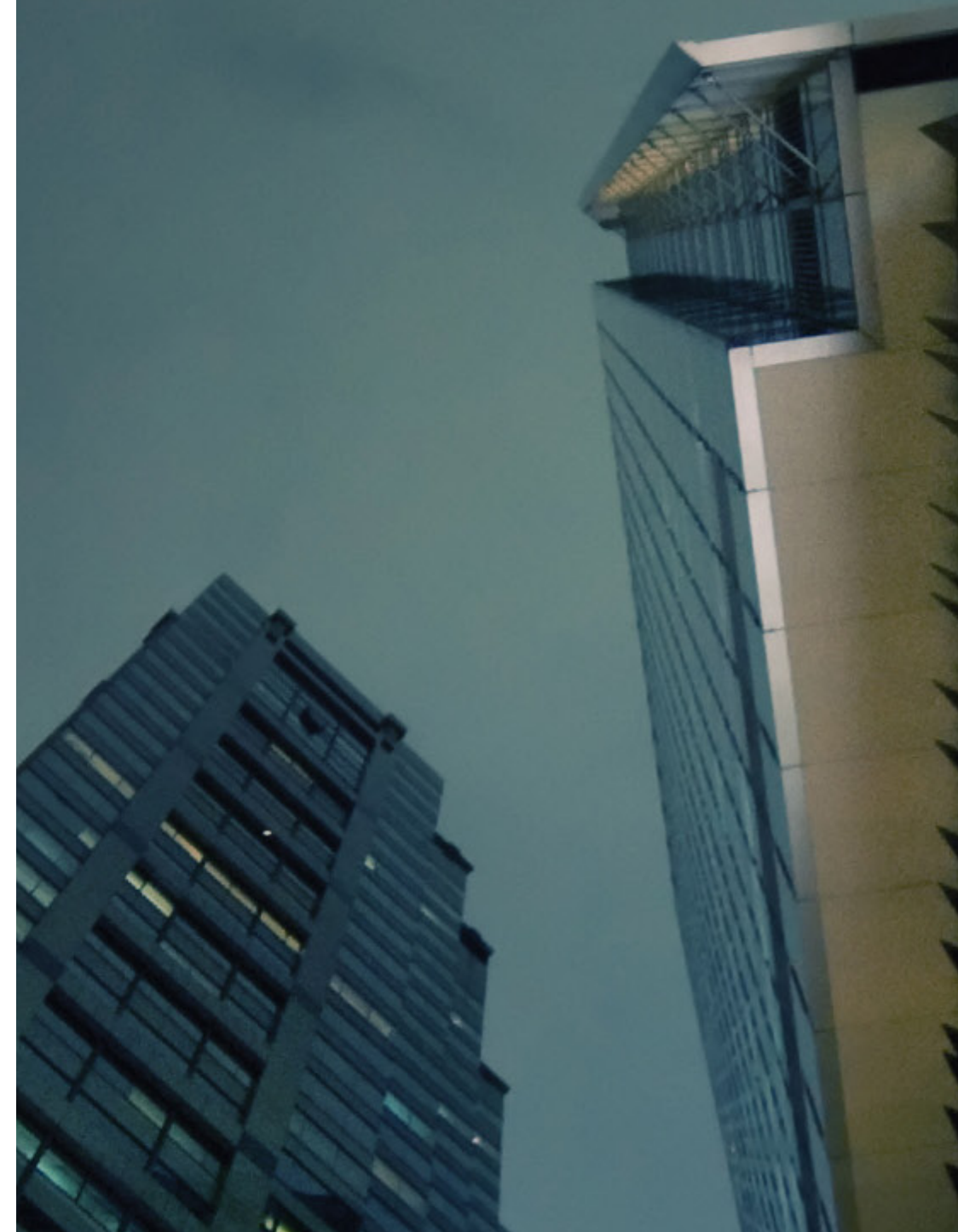
aps

● aluminium & plastics systems

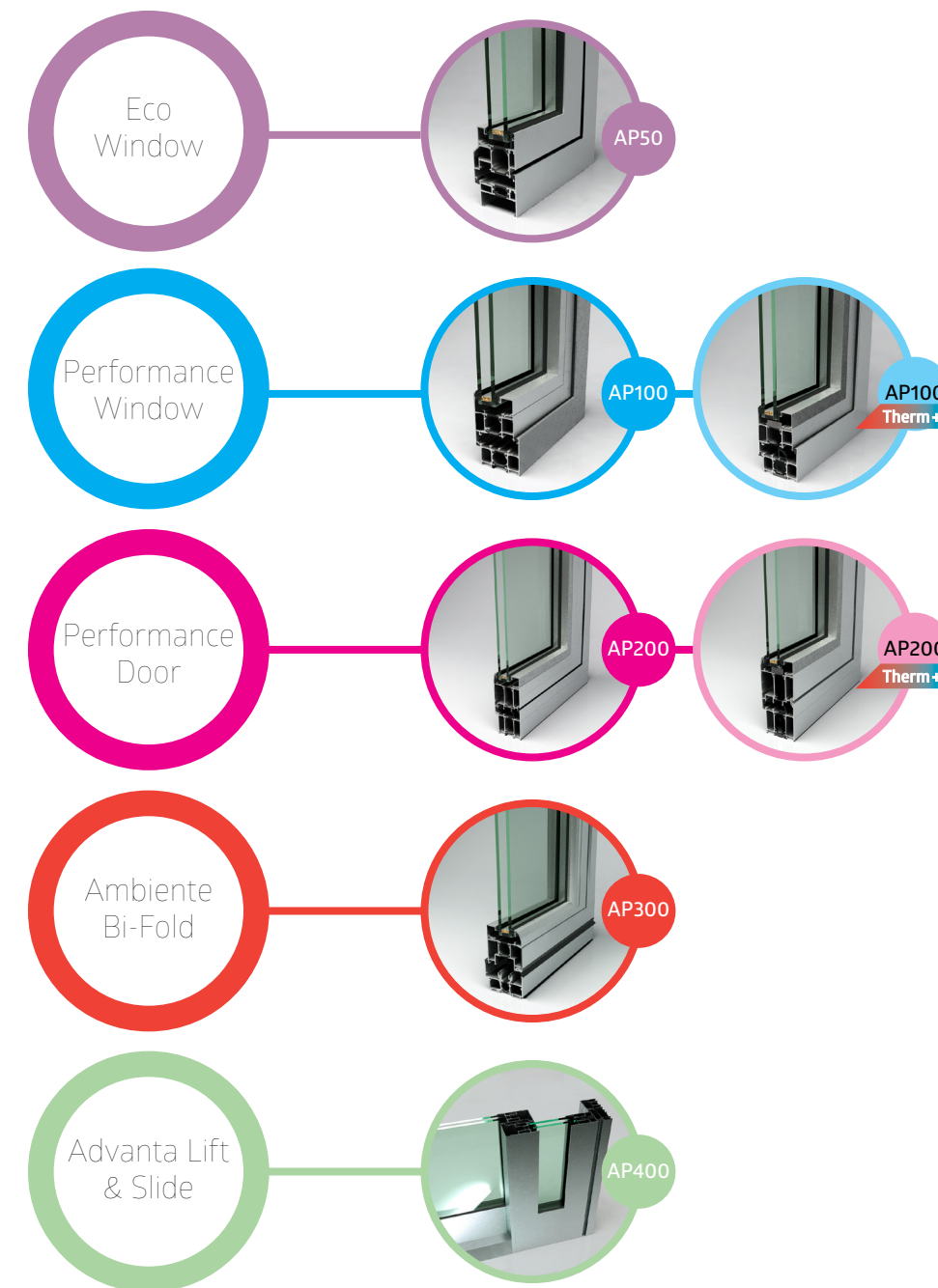
Flexible innovative solutions High performance systems

APS is a leader in the design and manufacture of architectural aluminium glazing systems for the commercial construction industry. We offer a 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 ourselves on technical design, developing and delivering an innovative product and service.



Polyamide Range



Advanta-Lift & Slide door AP400

Weather tested
BS6375:PT1 2009 & PT3 2012

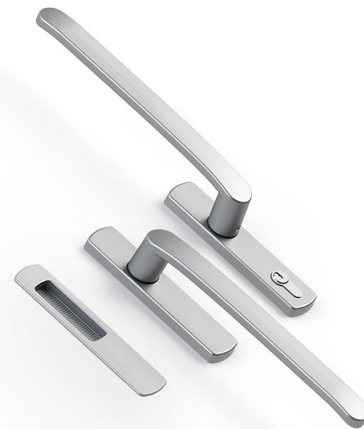
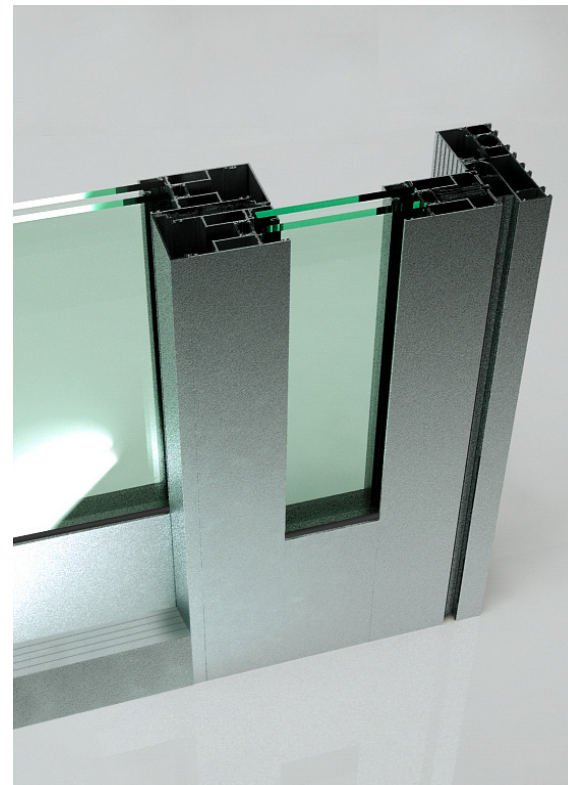
Security
BS6375-3

Type: Extruded aluminium alloy profiles, which incorporate a 24mm polyamide thermal break barrier across the AP400 range

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 micros to BS6496

Colour: choose from any colour across the RAL range.



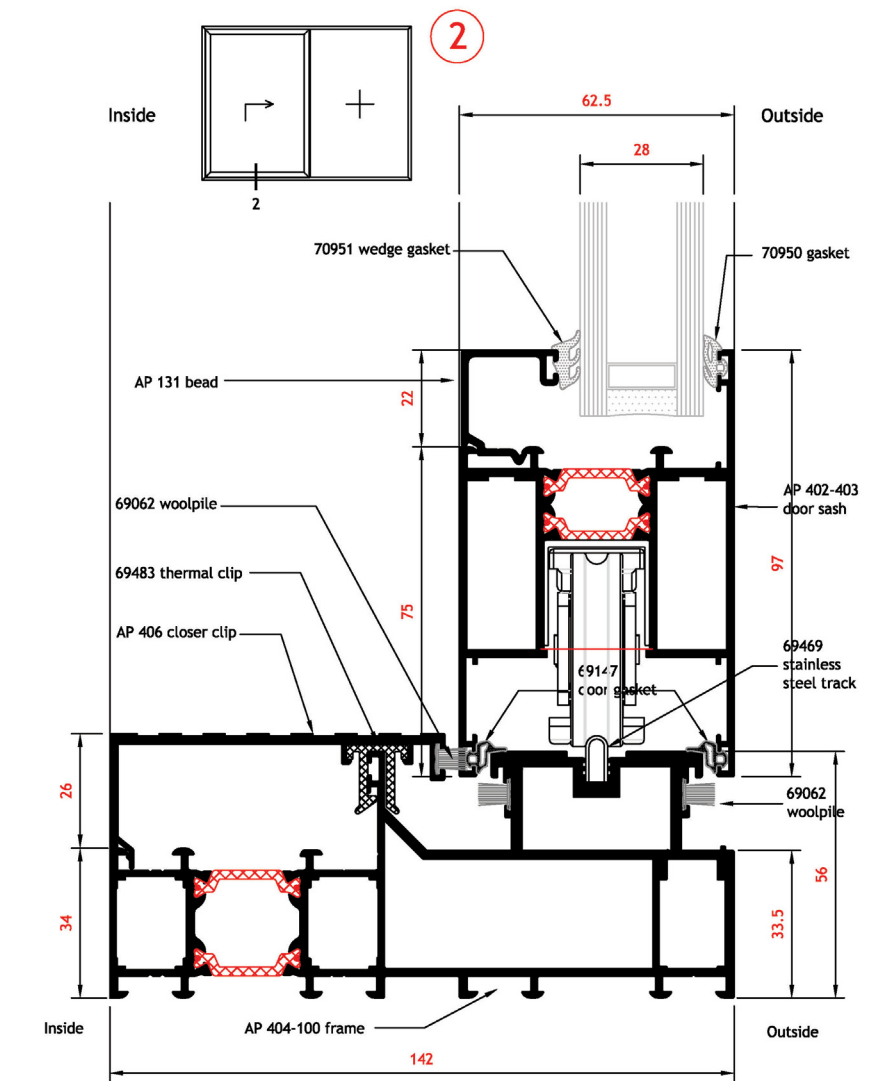
Advanta-Lift & Slide door AP400

Testing:
Water tightness 300pa
Air permeability 600pa
Water penetration Zero
Wind resistance 1200pa

Glass:
System accommodates 28mm to 44mm glazing

Energy Performance:
The AP400 polyamide Lift and Slide door system has a 24mm polyamide thermal break as standard. With all optimum thermal profile performance and combined overall U-values exceeding and complying with current Building Control regulations

Illustration
AP400



Doors

Lift and Slide Door

- A totally vertical lifting mechanism.
- Less effort needed in lifting and sliding large doors.
- Bespoke reinforced resin wheels for near silent operation.
- Innovative rotational cleaning system synchronised by wheel movement.
- It will support configurations of up to 300kg per sash. With option for configurations up to 400 kgs, two additional carriages must be added.
- Pozidrive head screws used for fixing to the profiles.
- Zinc plated metallic operating system for additional corrosion resistance.
- All metal mechanism for extended strength and longevity.
- Multi-point high security locking system with optional night latch point for ventilation.
- Polyester Powder coated finish (PPC) to any RAL colour.
- Operating handle internally with optional external handle or finger grip.



Sustainability and Commitment

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 other materials and of course, it's 100% recyclable.

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