



Design-5 Combi

Timber/Aluminium
composite window system

THE NATURAL BEAUTY OF TIMBER
ON THE INSIDE AND THE
STRENGTH AND RESILIENCE OF
ALUMINIUM ON THE OUTSIDE

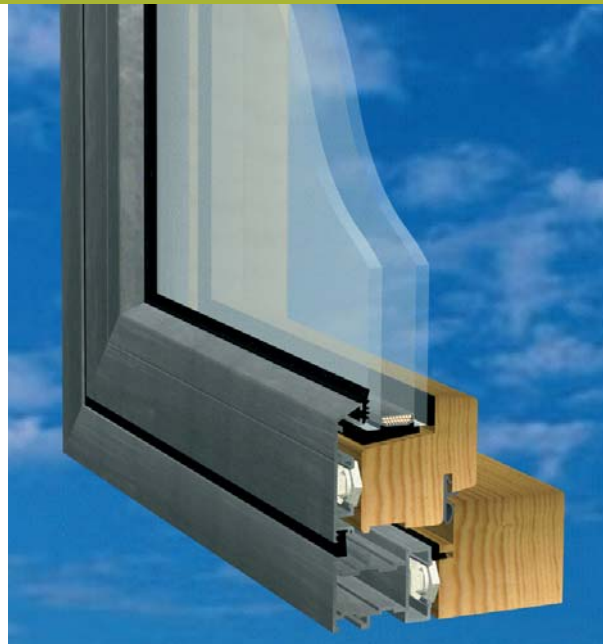


Buy British – all products manufactured in the UK





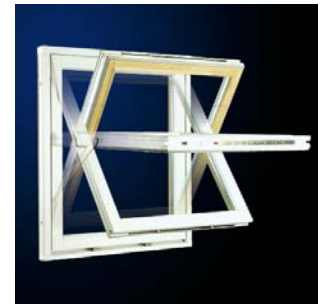
The window system that offers the traditional beauty of natural timber on the inside and the strength, resilience and colour possibilities of aluminium on the outside.



Design-5 is a range of aluminium sections, exclusively available from AM Profiles. The aluminium profiles have been designed to clip to the front of timber windows to create a cost effective and high performance timber aluminium composite system.

Design-5 offers a choice of opening styles, external colour and internal timber shape and finish.

- Mortise and tenon timber construction with aluminium cladding sections.
- Designed to accommodate PN Combi hinge system.
- 6mm gap between sash and frame maintained with any sash type.
- Aluminium corners and transom/mullions mechanically connected.
- Concealed drainage.
- All areas can be externally or internally glazed.
- Multi-point espagnolette locking.
- Security tested to BS7950.
- High performance weather tested.
- Excellent thermal performance.
- High acoustic performance - dependant on glass specification.



ned with traditional British qualities of workmanship

FEATURES OF THIS INNOVATIVE BRITISH TIMBER ALUMINIUM COMPOSITE SYSTEM

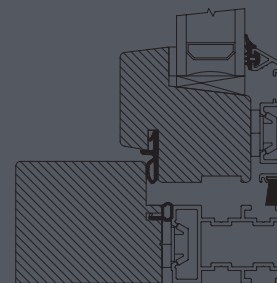
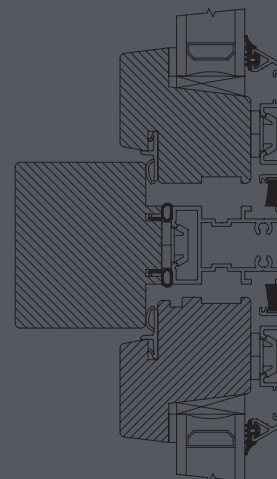
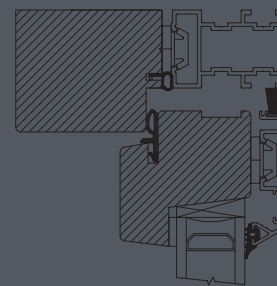
- External aluminium in the full range of RAL and BS powder paint colours.
- Wide choice of internal timbers with opaque or clear finishes.
- Available from a network of approved fabricators and installers.
- Matching hinged door, sliding/folding door & curtain wall system.
- High quality standard hardware.
- Window sash handles set below the glass line.
- Extensive choice of window types.



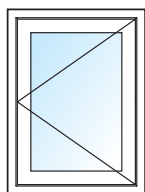
With Design-5 it is possible to produce a wide range of open out windows. The window has been designed to house the PN Combi 500 system. Open out windows that can be made with the system are illustrated below.

Combinations of sash opening types and fixed light areas are easy to accommodate within the same window and the system has been designed to facilitate glazing from the inside or outside dependant on the requirements of the project.

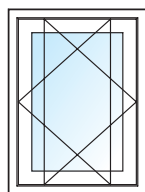
Universally matching sight lines are maintained even when top or side swing fully reversible and top or side hung casement sashes are housed within the same outerframe.



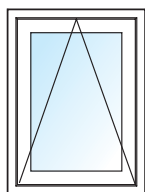
Offering a variety of open out sash types including casement and top / side swing reversible in the same frame, the Design-5 window offers clean crisp sight line uniformity.



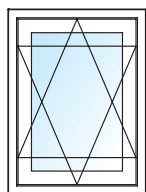
Design-1
Projecting side hung (or side hung on butt hinges).



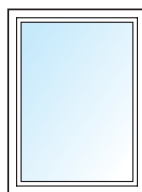
Design-2
Side swing reversible.



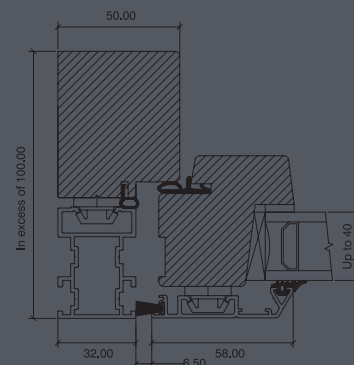
Design-3
Projecting top hung (or top hung on butt hinges).



Design-4
Top swing reversible.



Design-5
Inside or outside beaded fixed areas.





Colour choice

External aluminium is available in the full range of RAL and BS powder paint colours.



Environmentally Friendly

- A high proportion of the aluminium used in this product is from recycled material
- Dependant on timber specified, FSC accreditation is available
- We only use water based timber treatments

Services

- Project references, including a vast choice of high quality and varied installation examples, from hundreds of satisfied clients
- Information to assist in product selection
- Comprehensive technical support

Research & Development

AM's in-house design team ensures the company stays at the forefront of product innovation.

Our research and development programme is on-going and rigorous.

Testing

Successfully tested to BS6375 & BS7950. Please contact the Technical Department to request a full copy of any specific reports.

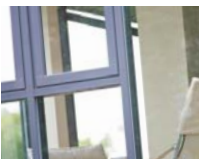
Bespoke sections

Our experienced technical team offers in-house product development and we are happy to discuss the production of bespoke sections to your design.

CAD drawings

Section drawings and assemblies can be sent by e-mail in a suitable format. Alternatively they are available as hard copy, or on CD/disc.

OTHER TIMBER/ALUMINIUM COMPOSITE PRODUCTS AVAILABLE:



Design-5 UNI Window



Design-5 Tilt & Turn Window



Hinged Door



Sliding Folding Door



Curtain Wall



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*Due to our policy of continued product improvement we reserve the right to change designs and specifications without prior notice.
 Some project photographs have been used for illustration purposes only.*