



Alitherm Heritage

A modern thermal aluminium solution for both heritage and refurbishment projects where the requirement to replace old steel windows is essential.

<https://www.smartsystems.co.uk/product/132/alitherm-heritage>



About

Over the past forty years, Smart has grown to become the UK's leading supplier of aluminium glazing systems and bespoke aluminium extrusions, building a reputation both for the quality of our products and for our product innovation, design and technical expertise.

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Architects

At Smart, we aim to provide comprehensive online support for Architects and specifiers. We have endeavoured to give you access to the information you need to resolve your queries quickly and efficiently.

The Smart Choice for Architects About Smart Products DWG Files of Smart Sectional Details Working Towards a Sustainable Built Environment BIM BREEAM NBS

Fabricators

At Smart, we aim to provide comprehensive online support for fabricators of our products. We have endeavoured to give you access to the information you need to resolve your queries quickly and efficiently.

CE Marking Fabrication Training Courses Our commitment to quality powder coating NHBC Standards Understanding Document L Understanding Document Q

Installers

At Smart, we aim to provide comprehensive online support for installers of our products. We have endeavoured to give you access to the information you need to resolve your queries quickly and efficiently.

Guide to Survey Guide to Installation, Maintenance and Care Smart Designer Door Installation Guidance

Homeowners

Choosing new windows and doors for your home can be a daunting decision. We have endeavoured to make this decision simpler for you by providing all the details you need to help choose the right product and supplier of Smart windows and doors.

Product information

Alitherm Heritage provides the ideal solution for heritage applications such as listed building renovations and large scale replica-refurbishment projects where planning constraints are to be considered. The window is designed to be built as a series of horizontal modules which can be stacked using horizontal couplers to form a multi-part window featuring a specially design drip bar between modules.

Alitherm Heritage profiles utilise Smart's innovative polyamide thermal break technology which creates a barrier between the cold air outside and the warm air inside. This technology significantly reduces thermal transmittance and enhances the overall U Value of a product and is designed to meet the exacting requirements of Document L 2010.

Alitherm Heritage products are available in a choice of standard or non-standard colours, including metallic, dual colour, Smart's Sensations textured, and Alchemy anodised effect finishes.

Please note, Alitherm Heritage has been tested to PAS 24: 2016 for casement windows and fixed lights only.

Alitherm Heritage Window: Design Limitation and Performance

Security tested to PAS 24:2016 (casement windows & fixed lights only)

Weather tested to BS 6375 Part 1:2009

British Standard Kitemark KM 81543

British Standard Kitemark KM 81580

Fixed windows, tilt turn, side hung or top hung open out casements

Polyamide thermal break provides enhanced thermal performance

Designed as a direct replacement for steel windows

Single or dual colour, marine quality polyester powder coat as standard

316 Marine Grade Stainless Steel Hardware options

Heritage and Art Deco hardware options

Alitherm Heritage Door: Design Limitation and Performance

Single or double doors

Slim sightlines

Tape or gasket glazed

Multi point locking and face mounted shoot bolts

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Heritage and Art Deco hardware options

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Tilt Turn



Single Door





Double Door





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