

Windows & Doors

*from the UK's leading supplier
of aluminium systems*





Old meets new...

This unique development brings together modern and traditional designs, showcasing Smart's extensive range of windows and doors.

Project: Purifier House and The Boat House, Bristol

Featured Products: Alitherm Heritage Windows, Smart Commercial Doors and Ground Floor Framing



◆ The Smart choice

Our range of aluminium windows and doors has been developed to provide a wide choice of high quality solutions, that not only deliver beautiful aesthetics, but also long-life, low-maintenance and high performance.

Whether you want to replace traditional, art-deco steel windows with the slim lines of a modern, high-performance aluminium system, or to install a thermally-efficient flush casement solution to update the bulkier frames of a tired U-PVC system, we have a modern, high-quality solution to meet your needs.

With a range that includes casement, tilt & turn and pivot window options, together with a complementary choice of door styles and configurations, our systems are suitable for a host of applications – both new build and refurbishment.

Each comes with all the assurances you would expect from the UK's leading supplier of aluminium systems. The elegant aluminium profiles are designed to provide strength, security and durability, ensuring an elegant and robust solution that requires minimal maintenance and delivers outstanding performance over a lifetime of use.



◆ *With over 40 years' experience, we are the UK's leading supplier of aluminium window and door systems.*





◆ Choosing the right window and door for your home

When you are considering which window type to choose, either for a new build or replacement project, there are a number of styles that you can select from.

Of course, you'll need to think carefully about the style that suits your home and your needs as well as the thermal performance that you want to achieve. You will also want to take care to choose the right colour (both for the outside and inside if you select a

dual-colour option) and to think about the style and colour of the window and door furniture.

Once you've chosen your system and colour, it's important to see a sample to make completely sure the tone and shade are exactly what you want. You can then accurately assess the texture, lustre and finish before making your final decision. If you speak to your supplier, they will arrange with us for a sample to be sent directly to you.



◆ Where can I buy from?

Our systems are supplied through a nationwide network of window and door fabricators who carry out installation in accordance with best practices.

You can obtain a list of your nearest Smart fabricator and installer from our website:

www.smartsystems.co.uk/findinstaller



◆ *Our systems are supplied through a UK-wide network of experienced fabricators and installers.*

Why choose Aluminium

Renowned for its perfect combination of light weight and high strength, aluminium is the ideal material for windows and doors, providing slim, elegant designs and outstanding, long-life performance.

With a life-span measured in decades rather than years, together with extremely low maintenance requirements, aluminium has become the perfect choice for home owners.

All our systems are designed with performance, style and efficiency in mind, with each frame incorporating a 'thermal-break' to insulate it against heat loss, raise the internal temperature of your house and help reduce the risk of condensation.

Maintenance for aluminium systems is simple and straightforward, with a routine 'wipe-clean' all that is required to keep the products looking their best. With no requirement for re-painting or re-varnishing, aluminium windows and doors will never fade, deteriorate or rust, even in harsh environments or coastal locations.

Smart are Qualicoat Marine Approved Powder Coat Applicators





✦ *Our systems deliver the perfect combination of aesthetics, performance, durability and security.*

How do I assess performance?

When assessing and comparing the performance of a window or door, there are a number of things that you should consider, including the following:



Security – Most windows and doors will be certified to PAS 24. This means the system has been tested by an accredited certification body.



Weather – As part of a building's 'envelope', windows and doors contribute to its overall weather performance, including its water and wind resistance and air-tightness. Smart test their window and door systems to make sure they meet the required performance standards.



Thermal Performance 'the U-value' – This depends on a number of factors, including your system and glazing choice. When comparing systems, U-values will give you a good guide as they are simply a standard measure of how good products are at insulating and so retaining heat within a room. The lower the U-value, the better insulator it is.



Alitherm Heritage

The Alitherm Heritage ranges have been designed specifically to meet the needs of refurbishment projects, particularly in sensitive planning areas. Ideal for Victorian and Art Deco projects, our windows and balcony doors are proven in a wide range of renovation and heritage projects across the UK.

Providing a modern, like-for-like replacement for traditional steel materials, Alitherm Heritage is the ideal solution for projects where planning or design demands dictate the installation of sympathetic materials - even for listed buildings.

The Alitherm Heritage door and window ranges both feature the slim profiles and sight lines that are associated with traditional

steel doors and windows. However, the system's timeless elegance is also accompanied by the outstanding thermal performance of a modern aluminium system – each delivering a 'B' Energy Rating.

Alitherm Heritage Windows are also available as a tilt turn option.

Suitable for both single and double door application, Alitherm Heritage balcony doors are available in a wide range of sizes and are supplied with a number of locking and security options.

*Refer to fabrication manual for correct hardware & size range to PAS24



Certified
KM 81580



Certified
KM 81543



Certified
BS 4873:2016



Certified
PAS 24: 2016



WER



U Value
1.5W/m²K



Air
600Pa



Water
1050Pa



Wind
2400Pa



SH Max Width
865mm



SH Max Height
1400mm*



TH Max Width
1400mm*



TH Max Height
1500mm*



✦ *Alitherm Heritage is perfect for sensitive refurbishment and renewal work and is ideal for Art Deco and Victorian projects – even listed buildings.*



Make it yours Window Accessories

Our range of modern hardware is available in any RAL colour, enabling products either to be colour matched or to be specified in contrasting, or complementary finishes.

Available in a range of both traditional and modern designs to suit all home styles, our high quality locking handles have been developed to provide a lifetime of smooth and robust performance.



We have a range of window handles that can be painted in the colour of your choice. Just let us know the handle colour you want to provide the perfect finishing touch to your new door and we'll provide it. It really is as easy as that!

Smart Standard Hardware

The hardware is available in a number of different colour and finish options, each item selected to complement not only the systems' aesthetics, but also their high standards of quality and performance.



ACET465
BLACK, POLISHED CHROME,
BRUSHED SATIN CHROME,
SMOKEY CHROME & WHITE



ACET460
BLACK, POLISHED CHROME,
BRUSHED SATIN CHROME,
SMOKEY CHROME & WHITE



ACSM002
BLACK & WHITE



ACW20165
NICKEL & BRASS



ACET165
BLACK & WHITE



ACET080
BLACK & WHITE



ACW20101
BLACK & PEWTER



ACW20100
BLACK & PEWTER



ACSM010, ACSM011, ACW20108
STAINLESS STEEL



ACW20102, ACW20105
BLACK & PEWTER


Certified
KM 530838


Certified
BS 4873:2016


Certified
PAS 24: 2016


Certified
BS 6375


U Value
1.5W/m²K

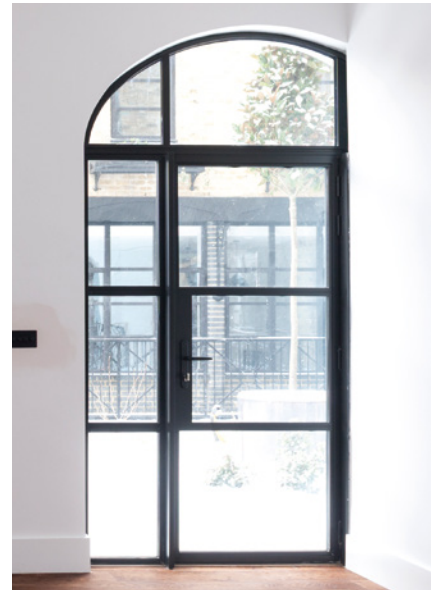

Air
600Pa


Water
450Pa


Wind
Class 2400


Sash Max Width
900mm*


Sash Max Height
2100mm*

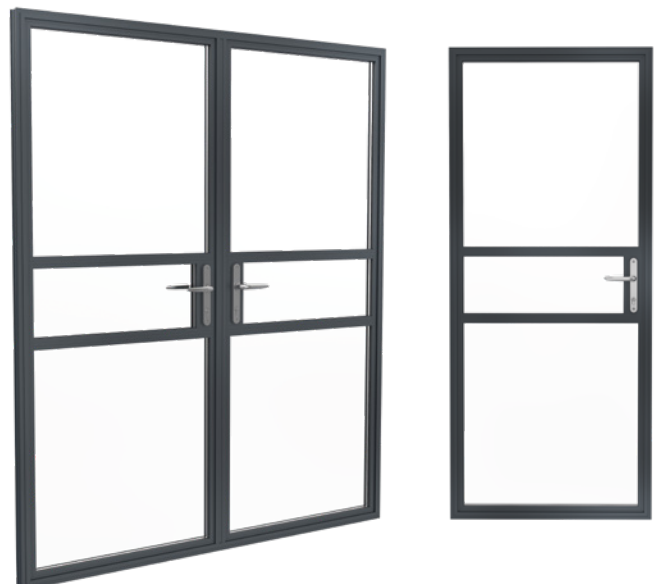


*Refer to fabricators manual for correct hardware & size range to PAS24

Alitherm Heritage

Flexible and versatile, our Alitherm Heritage doors provide the perfect complement to the window system.

Available in single and double formats, as well as a new French door option, Alitherm Heritage doors feature the slim profiles and sight lines that are associated with traditional steel products. Also suitable for use as an internal screening system, the timeless elegance of Alitherm Heritage doors is accompanied by outstanding thermal performance.



Make it yours Door Accessories

Available in a range of colours and finishes, our door furniture has been selected to equal the high quality and performance standards of our door systems, as well as to complement their aesthetic style.

Available in a range of both traditional and modern designs to suit all home styles, our high quality locking handles have been developed to provide a lifetime of smooth and robust performance.

Smart Standard Hardware

The hardware is available in a number of different colour and finish options, each item selected to complement not only the systems' aesthetics, but also their high standards of quality and performance.



We have a range of door handles that can be painted in the colour of your choice. Just let us know the handle colour you want to provide the perfect finishing touch to your new door and we'll provide it. It really is as easy as that!



ACET486
BLACK, WHITE,
CHROME



ACET484
BLACK, WHITE,
CHROME



ACET480
BLACK, WHITE,
CHROME



ACET488
BLACK, WHITE,
CHROME



ACET487
BLACK, WHITE,
CHROME



ACW20061
BLACK, WHITE,
CHROME



ACW20062
ANTIQUE BRASS,
SATIN NICKEL



ACSM001N
BLACK,
WHITE



ACSM013
BRUSHED SATIN
CHROME



ACSM014
BRUSHED SATIN
CHROME



✦ *Our extensive colour palette provides virtually unlimited choice, with options to suit every style of property.*

✦ An unrivalled range of colours

Our unrivalled range of colour options provides inspiration for all types of properties. Options range from traditional white to pastel shades of blue, through to vibrant reds and greens.

Our complete range includes our Naturals, Sensations and Alchemy collections, as well as the all new Creations range of ever-popular, vibrant colours (pillar box red, sunshine yellow etc) and the Cotswold colour palette, developed specifically to suit traditional projects in conservation areas.



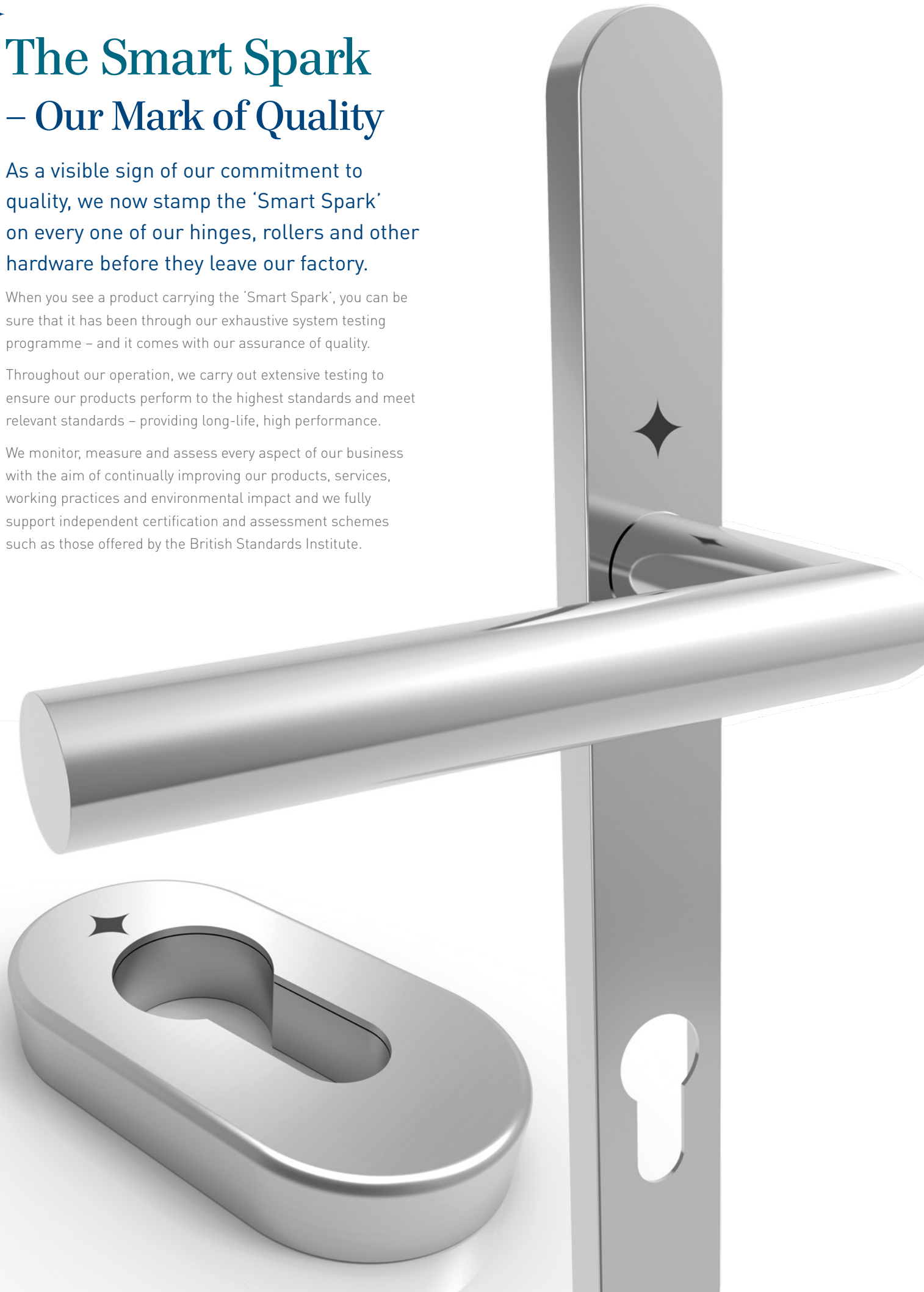
◆ The Smart Spark – Our Mark of Quality

As a visible sign of our commitment to quality, we now stamp the 'Smart Spark' on every one of our hinges, rollers and other hardware before they leave our factory.

When you see a product carrying the 'Smart Spark', you can be sure that it has been through our exhaustive system testing programme – and it comes with our assurance of quality.

Throughout our operation, we carry out extensive testing to ensure our products perform to the highest standards and meet relevant standards – providing long-life, high performance.

We monitor, measure and assess every aspect of our business with the aim of continually improving our products, services, working practices and environmental impact and we fully support independent certification and assessment schemes such as those offered by the British Standards Institute.





BES 6001



FM21582



EMS554307



OHS571955



ENMS634370

