



passivdor
A SUSTAINABLE ENTRANCE TO PASSIVHAUS

BROUGHT TO YOU BY



A SUSTAINABLE
ENTRANCE TO **PASSIVHAUS**

About Passivdor

PassivDor is a new division of Solidor Ltd, which is one of the UK's fastest growing and most widely respected composite door manufacturers and the new brand is already a member of the Passivhaus Trust.

This new division has been specifically launched to address the growing need for entrance doors that meet the important Passivhaus standard. While most composite door manufacturers can offer products that achieve a 1.1 W/m²K U-value, the achievement of the strict 0.8 standard for Passivhaus is some considerable way off for the vast majority of the industry. The standard is clear, it's not just a 0.8 U-value for a door slab, but for the complete installation of the door and this is a clear definition.

However, at PassivDor, there are three distinct options for doors meeting the Passivhaus standard. Firstly, there's the combination of a KBE/Kömmerring 88mm frame and a 62mm Solidor based composite door slab, which achieves a U-value of just 0.618 W/m²K. Secondly, a frame from the newly launched Residence9 window and door system which has 9 chambers and is 100mm deep, can be combined with the same 62mm door slab.

Finally, under the PassivDor brand, We can exclusively combine the 88mm frame from KBE/Kömmerring with a high performance Rodenberg door slab, from the European market leaders in entrance doors. To summarise, we can offer three truly different variants, each with multiple designs and industry leading colour options

What is Passivhaus

Passivhaus buildings provide a high level of occupant comfort while using very little energy for heating and cooling. They are built with meticulous attention to detail and rigorous design and construction according to principles developed by the Passivhaus Institute in Germany, and can be certified through an exacting quality assurance process.

Passivhaus trust

The Passivhaus Trust is an independent, non-profit organisation that will provide leadership in the UK for the adoption of the Passivhaus standard and methodology. Its aim is to promote the principles of Passivhaus as a highly effective way of reducing energy use and carbon emissions from buildings in the UK, as well as providing high standards of comfort and building health.

Passivdor was the first dedicated door manufacturer to become a member of the Passivhaus trust.





Why Passivhaus?

Passivhaus is the leading international low energy, design standard. Over 20,000 houses, schools, offices and other buildings have been designed, built and tested to this standard across Europe.

Passivhaus buildings achieve a 75% reduction in space heating requirements, compared to standard practice for UK new build. The Passivhaus standard therefore gives a robust method to help the industry

achieve the 80% carbon reductions that are set as a legislative target for the UK Government.

Evidence and feedback to date shows that Passivhaus buildings are performing to standard, which is crucial, given that the discrepancy between design aspiration and as-built performance for many new buildings in the UK can be as much as 50-100%.

Claiming the Passivhaus Standard in the UK:

The Passivhaus Trust recommends that the best way to achieve quality assurance for a Passivhaus project is through certification by a registered Passivhaus Certifier. It is reasonable to claim that a building is a non-certified Passivhaus provided that it still meets the requirements of the standard.

Rodenberg

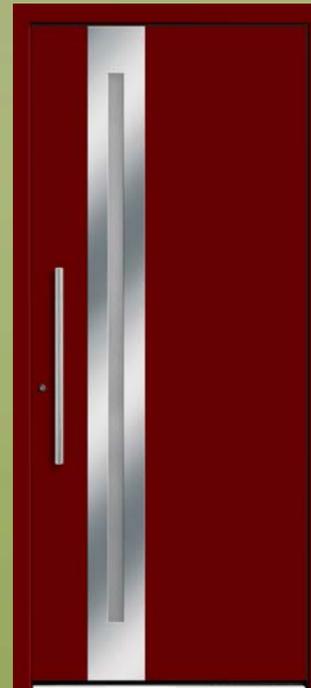
We exclusively manufacture the Rodenberg door in house in the U.K. Combining the 88mm frame from KBE/Kömmerring with a high performance Rodenberg door slab, the European market leaders in entrance doors.



6870



6877



6398



6915



6194



6876

RODENBERG 

Passivhaus certified door with **less than 0.8 w/m2k u-value** fully installed with virtually limitless colour options

Passivdor R9

A frame from the newly launched highly stylish Residence 9 window and door system which has 9 chambers and is 100mm deep, can be combined with the same 62mm door slab.



Tenby Solid in Irish Oak



Conway Grey Fused



Beeston Jewel



Flint Solid



Ludlow ctb19.3 in Chartwell Green



A choice of all 8 Residence 9 outer frames coloured foils and 14 Solidor door slab colours on either side.



Solidor 88

A combination of a KBE/Kömmerring 88mm frame and a 62mm Solidor based composite door slab, which achieves a U-value of just 0.618 W/(m²K).



Siena in Grey



Flint 3 in White



Pisa in Black



Ancona Solid in Irish oak



Milano in Duck Egg Blue



KÖMMERLING®

Limitless outer frame colour options and available in 14 door slab colours



Foiled White White Red Black Blue Rosewood Oak Green Cream Schwarz Braun Grey Chartwell Green Irish Oak Duck Egg Blue

Peace of Mind Guarantee

Each Passivdor benefits from a 10 year manufacturing guarantee, which covers all aspects of the door and multi-point locking mechanism.

All of our doors are manufactured to the highest quality standards. Having achieved BSI ISO 9001, Pas-23, Pas-24 and Secured by Design accreditation, you can be completely confident that Solidor manufacture to only the highest standards.

We use only the finest materials, hardware and accessories on our doors so that we know every door that we manufacture will look fantastic for many years. To keep your door looking at its best simply wipe down the door with a soft, damp, lint free cloth using mild, warm soapy water.

You should also help to keep your door furniture looking fantastic by polishing the handle and letter plate with a regular furniture polish or similar once a month. Finally lubricate the working parts of the locking mechanism once a year.

Our Prolinea Letter plates and handles carry a 5 year guarantee. Rim latches and door knockers carry a 12 month guarantee, however looked after, they will last for many years.



Exclusive Passivdor Furniture Range





passivdor
A SUSTAINABLE ENTRANCE TO PASSIVHAUS



THE SOLIDOR GROUP OF COMPANIES

Solidor House, Smithpool Road, Fenton, Stoke on Trent ST4 4PW
t: 01782 847300 f: 01782 847200 w: www.solidorgroup.co.uk