

**Engineering progress
Enhancing lives**

REHAU uPVC Windows and Doors

Innovative product solutions and services
to enhance your life and home



Engineered to enhance your life

You want your home to be a comfortable, safe place for you and your family.

Welcome to REHAU!

Our uniquely designed uPVC windows and doors will greatly enhance your home, offering you exceptional, tangible benefits.

Historically, South Africa's homes were not built to be energy efficient. With the introduction of the new Building Regulations SANS 10400 XA in 2011, every new building now needs to conform to the Energy Usage regulations as laid out in the Fenestration Section.

REHAU's range of uPVC windows and doors outperform these regulations. Whether you are building your dream home or renovating it, now is the time to invest in durable, energy saving REHAU windows and doors for a happy, safer place to live and thrive.

Our windows and doors ensure that you and your loved ones are comfortable all year round.







Made to enhance your safety at home



After an exhausting day, you want to relax in the safety of your home. Your safety – and that of your family – is not negotiable.

REHAU's windows and doors offer unparalleled security. The uPVC frame is tough as it is engineered from high performance uPVC.

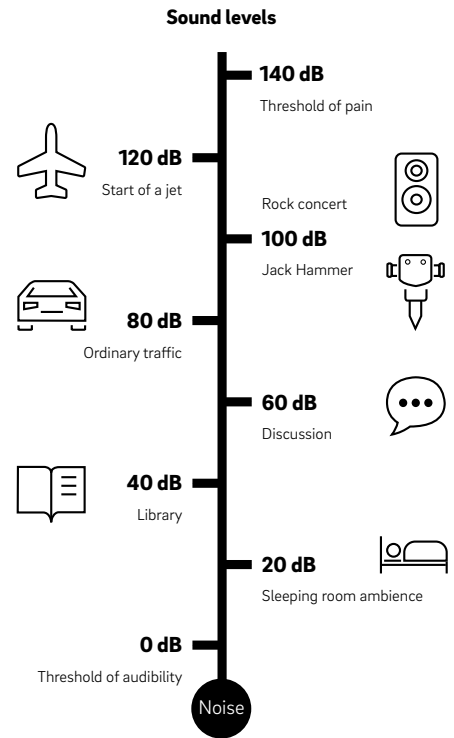
Fitted with multi-point locking hardware that grips into the lock keeps located in the steel reinforcing at multiple points, it is very difficult to break into your home via a window or door.

Furthermore, when using double glazing (ie two layers of glass) instead of the traditional single glass pane, the security of your home is even further increased. The outer pane should consist of laminated safety glass for extra security.

The security at your home can be further enhanced with the addition of security glazing tape.

With all these safety features, you can enjoy your family at home, knowing that you are safer.

Noise reducing windows? Yes! Because silence is good for your soul. And neighbourly peace.



Your neighbour's son is into his trumpet. Fortunately, REHAU windows can reduce outside noise to a minimum level inside your home.

situated close to airports and busy highways. REHAU windows fitted with double glazing can reduce noise levels by 38 DBr.

Now you can say Goodbye to noise and Hello to calm and serenity. Our uPVC windows and doors have proven their worth in numerous hotels and homes

If you want to hear how good they are at reducing noise, have a look at our website. Our case studies and video clips will convince you.



uPVC + double glazing = energy saving

Our uPVC windows and doors can be fitted with either single or double glazing to offer you the best insulation against hot or cold weather.

What is double glazing?

Double glazing refers to two panes of glass that are installed in a window or door, instead of just one pane of glass. The two panes are separated by a vacuum with a spacer bar between them.

The advantage of double glazing combined with uPVC frames, is that the insulation of your home is drastically improved. During winter, the heat generated inside is restricted from transfer-

ring to the outside. In summer when you switch on the airconditioning, your home stays cool and comfortable.

The glazing unit fits snugly into the uPVC frame to prevent energy loss. Double glazing will obviously offer more energy efficiency than single glazing.

REHAU uPVC windows and doors will lower your energy consumption, as uPVC is not a conducting material and blocks heat transfer. Furthermore, the corners of the frames are fusion welded together and restrict the influence of outside temperatures on your living space.

Partner with REHAU to keep your home comfortable all year round, whilst reducing the need to heat or cool your living areas. Nature will thank you!





Low maintenance so you have more time for your family

REHAU's uPVC window and door frames are made with our South African climate in mind. Engineered for durability, they are UV stable and will not warp, rot, chalk or splinter.

Neither will they need to be sanded, painted, varnished or treated.

All you will need to do wipe the dust off and oil the hardware once in a while. Rather than doing window repairs on weekends, enjoy your family. Our windows and doors will look after themselves.



REHAU's windows last for many years. Proof of this are the uPVC windows installed over 20 years ago in Camps Bay. They still look amazing to this day and function perfectly.

Engineered with your comfort in mind



Whatever the weather outside, you will be cosy in your home with our uPVC windows and doors. Be it wind, hail and rain.

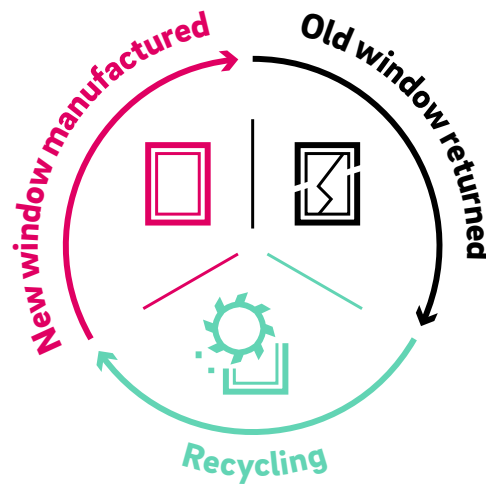
Or dust, heat and UV rays. Even in extreme climatic conditions, our uPVC profiles will protect you due to their lasting quality and advanced degree of air tightness.

Our profiles are engineered to a high technical standard and are UV stable. We offer you durable, weather resistant windows and doors, fitted with double gaskets and double glazing for effective sealing.

Sustainability and environmentally conscious behaviour are a matter of course for REHAU.

We have championed sustainable manufacturing over many years and regards recycling as a strategic business objective.

We continue to invest heavily in bringing new and sustainable solutions to the market, striving to make our products not only robust, durable and energy efficient, but equally environmentally friendly.





Windows for every occasion – a product that you can trust

**Casement windows
(open out)**



**Securi Slide & Fold
windows**



Turn/Tilt windows



Sliding windows





Doors for your dream home

Whether you need a patio or residential door, we have a range of doors that will thrill you. Our star: the Securi Slide & Fold door, a sliding – fold away door that is essential for every safety-concerned home owner.



Traditional sliding door



French doors



Multifold door



Securi Slide & Fold door



Residential doors

Commercial projects

REHAU's uPVC window and door systems are used throughout the whole range of commercial buildings. From schools to hospitals and housing developments, our products are preferred because of the many advantages they offer, making them an ideal choice for the Architect, Developer and Quantity Surveyor.



Student accommodation, Stellenbosch



Holiday Inn OR Tambo

REHAU offers support to construction industry professionals and architects, such as CAD detailing, thermal calculations, specification provisions, site visits and design support. This support is given free of charge. We also present a SAIA approved uPVC window and door CPD.

The CPD takes 1.5 hours to present and will give all the essential information on the technical aspects of uPVC windows and doors. The CPD carries 0.15 points in Category 1.

Please contact us for more information.



Deutsche Internationale Schule Johannesburg



Northgate Heights, Johannesburg



REHAU has appointed a select group of independent Authorised Partners located in various cities in South Africa.

Our Authorised Partners purchase REHAU's uPVC profiles for the manufacture of uPVC windows and doors, adding glass and hardware to make up the completed product.

Our Partner companies are audited yearly and awarded a Silver or Gold certificate. They are trained to advise you in your choice of the perfect window and door types for your requirements.

Our Authorised Partners' details can be found on our website, www.rehau.co.za, or you can contact us on 041 978 7160 or Johannesburg@rehau.com for a listing of partner companies in your area.



REHAU

Authorised Partner

What is uPVC?

PVC stands for Polyvinyl Chloride, also called vinyl. It is a thermoplastic material that can be melted and recycled many times.

- PVC is made up of 57% salt and 43% oil, to give it unique technical properties.
 - It is made with less primary energy than any other commodity plastic.
 - 1 kg of PVC has a smaller CO₂ impact than 1 kg of aluminium or cheese.
 - PVC is fully recyclable and can be re-used several times.
 - uPVC is a rigid PVC and is used extensively in the construction industry due to its abrasion resistance, light weight and durability.
- The uPVC used for window profiles in South Africa is made using a specific weather-resistant formulation for hot climate zones to counter the high UV radiation.
 - REHAU's uPVC windows and doors are very durable and low maintenance. To clean them from dust and dirt, they can be wiped with water and dishwashing liquid.





The Heritage of REHAU

REHAU is a family owned polymer specialist that was founded in Germany in 1948. Currently REHAU has a workforce of 20,000 employees in more than 170 locations worldwide. REHAU Polymer (Pty) Ltd in South Africa was started in 1967 and manufactures products for automotive OEM's.



REHAU is a trusted brand worldwide. Our uPVC windows and doors have been used for over 30 years in Europe. In South Africa some of our window and door installations are over 20 years old and are in perfect condition, even though they have been exposed to corrosive sea-air.

This is proof that our products are a durable alternative to the traditional steel, wood and aluminium windows and doors.

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Our verbal and written advice with regard to usage is based on years of experience and standardised assumptions and is provided to the best of our knowledge. The intended use of REHAU products is described comprehensively in the technical product information. The latest version can be viewed at

www.rehau.com/TI. We have no control over the application, use or processing of the products. Responsibility of these activities therefore remains entirely with the respective user/processor. Where claims for liability nonetheless arise, they shall be governed exclusively according to our terms and conditions, available at www.rehau.com/conditions insofar as nothing else has been agreed upon with REHAU in writing. This shall also apply for all warranty claims, with the warranty applying to the consistent quality of our products in accordance with our specifications. Subject to technical changes.

www.rehau.com/conditions

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