

# uPVC

Energy  
Efficient



High  
Security



Strength  
Durability



## VAN ACHT

GLASS, ALUMINIUM & UPVC



2nd Edition

# VAN ACHT uPVC Windows & Doors

Van Acht is a REHAU authorised window and door fabricator and installer. Van Acht uPVC windows are made to your exact specification and requirements. Why REHAU Window Systems ? REHAU is the leading uPVC manufacturer of window profiles. Its unique solutions comprise specially engineered designs that combine form with function better than anything you've ever seen. So every Van Acht window is as stylish as it is ingenious, and as attractive as it is durable. For both practical and aesthetic reasons, Van Acht ensures you of windows that work beautifully, taking care of a major factor in the success of any building project.

## Benefits of uPVC

### Safe and Secure

- Multi point locking system
- Extremely difficult to break through a locked window/door

### Double Glazing

- Adversely high or low temperatures outside do not interfere with your comfort inside the home.
- Should you still want to heat or cool your home, you will need less energy as the temperatures generated inside will not escape to the outside.
- Van Acht's double glazed uPVC windows and doors are virtually airtight, keeping the dust out.
- Double glazed uPVC windows and doors are very effective in reducing outside noise. A combination of special glass panes can reduce the intrusion of noise even further, making your home quiet and serene, even if you live close to highways or airports.

### Energy Cost Saving

Van Acht's uPVC windows save on energy costs, lowering the amount spent on heating or cooling your home. Van Acht uPVC windows, fitted with either single or double glazing, keep your home comfortable all year round. Should you still wish to use an air conditioner or heater during extreme weather conditions, your energy expenses will be less, as temperature transfer through REHAU's uPVC profiles is limited.

### External Noise Reduction

After a busy work day, a peaceful environment helps you to de-stress. Even if you live close to busy highways, your home will be soothingly quiet with VAN ACHT uPVC windows and doors, allowing you to relax. REHAU's window system can achieve a Sound Transmission Class (STC) rating of 44 dB, when fitted with double glazing.

### Tough. Sturdy. Durable

Van Acht's uPVC windows and doors are made to last. They are manufactured from special, high performance pvc. This means windows and doors made with the REHAU system are tough and durable, keeping their glossy looks for many years.

### No Maintenance Required

Van Acht's uPVC windows and doors are made to save you time and money. They will never require sanding, painting or varnishing. They will never rot or warp, leaving you with more time to relax and enjoy life. You may wipe the windows with a soft cloth and standard household cleaner to remove any dust. The hardware will need to be oiled once a year.



### • Eco Tech Profile for the Homeowner

REHAU Ecotec 60mm uPVC window system is the preferred range for commercial installations. Ecotec is UV stable, aesthetically pleasing and has a 3 chambered design for maximum energy efficiency.

### • Slim Tech Profile for the Developer

The Slim-Tec 50mm Casement Window system is aimed at the gap housing/mass housing market. It is used for fixed and outward open top hung and side hung window styles. The UV stable, durable profile is suitable for South Africa's harsh weather conditions. The Slim-Tec 50mm profiles come with an Eurogroove for secure hardware installation. It is suitable for single glazing.

### • Tilt & Turn Window

The tilt-turn is the most popular window style in Europe. Tilt-turn windows are now gaining popularity among discerning architects, designers and homeowners in South Africa.

Van Acht Tilt-turn windows are aesthetically pleasing and of high quality. Tilt-turn hardware allows the sash to tilt inward at the top, for secure ventilation, or turn inward providing a wide opening for emergency egress. When closed, this compression-sealed window and door design seals tightly to provide outstanding thermal and acoustical performance.

### • Casement Window

Casement windows are the most popular style of window in South Africa. It is an extremely versatile window that will suit most homes, wherever you live.

Casement windows are available with either single or double glazing. Over and above the many aesthetic features available, casement windows manufactured from REHAU profile can accommodate the very latest high performance handles, hinges and locking mechanisms, to make your casement windows safe and secure.



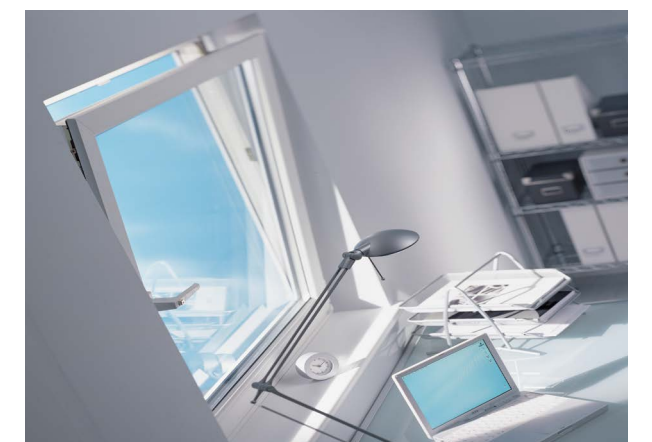
Eco Tech Cross Section Single Glazed



Eco Tech Cross Section Double Glazed



Casement Window



Tilt & Turn Window



# Sliding System

Van Acht's sliding windows and doors have been designed to complement REHAU's window and door profiles to achieve a variety of configurations.

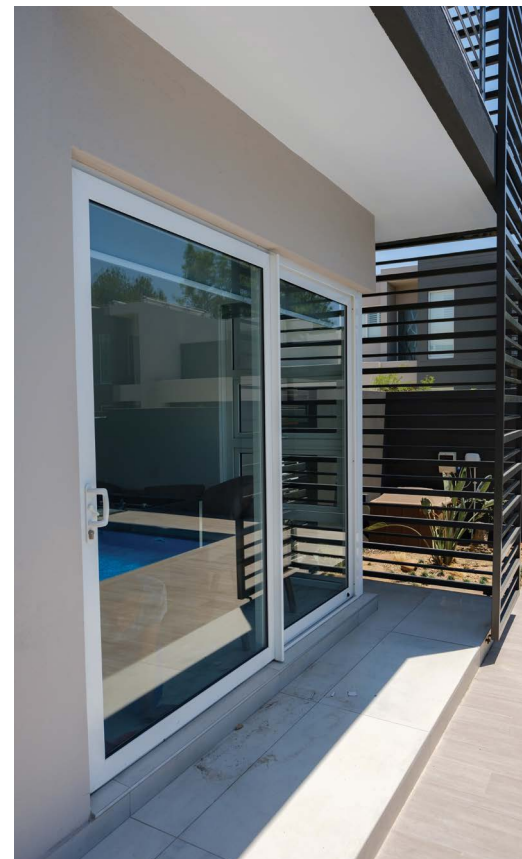
The gasket overlap combined with excellent weather seals ensures that the sliding system is weather resilient.

Specially formulated lightweight aluminium tracks and quality rollers guarantee a smooth sliding action.

Sliding windows and doors are a perfect space-saving choice for new builds and retrofits.



Double Glazed Sliding Window Cross Section



# Residential Doors

Van Acht's uPVC doors are manufactured to suit customer requirements. A wide variety of options are available, such as:

- French doors
- Inline sliding doors
- Stable doors

uPVC doors are weather resistant and thermally efficient due to their insulating characteristics. REHAU's uPVC door profiles are suitable to even the harshest climate in South Africa, as they do not warp, rot or need sanding or painting. The door profiles have steel reinforcements for increased stability and security.



Tilt and Turn Door Options





# Sliding Folding Doors

VAN ACHT’ S unique Sliding Folding uPVC door is a popular choice for seamless connection of indoor an outdoor spaces. Sliding Folding doors are custom designed and manufactured to suit the application, such as residential, hospitality and commercial requirements.



# uPVC as Replacement Windows



## uPVC Windows for Green Building



## uPVC Quality and Certification

REHAU window profiles conform to SABS 1553-1 , 2007: PVC window and door frames for external use. SABS test results are available on request. The REHAU plants are ISO 9001 and 14001 certified.

## Strength and Durability

Rehau profiles have a life expectancy of 40+ years and all of our products come with a 10 year international guarantee.



Rehau Windows and Doors installed in Fourways more than 20 years ago, still in perfect working condition, no fading or discoloration of profiles.

## Support Services

We can provide a complete and comprehensive support package to specifiers at every stage of any project.

We have a dedicated team offering support at each part of the construction process. We will help you to make the right choice of products for your specific application or project whether it be refurbishment or new build. Your dedicated expert will be on hand and can offer any of the following services if required:

- Technical Support including CAD Details / Calculations
- Energy Rating / Thermal Calculator
- Planning Support





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