

GERMAN ENGINEERED uPVC WINDOWS & DOORS FOR INDIAN CLIMATE!



ACTIVE GREEN WINDOW SOLUTIONS BY REHAU

PROTECTION INSIDE OUT AND OUTSIDE IN



Indian Green Building Council

Member IGBC



AGWS has won the India SME 100 Award
2nd time in a row for its outstanding
performance in 2012-13 & 2013 - 14

ACTIVE GREEN WINDOW SOLUTIONS BY REHAU

TRENDSETTING POLYMER QUALITY IN HYDERABAD

A strong partnership

Active Green Window Solutions aspires to be a major player in custom-made German Engineered uPVC window and door solutions specializing in design, installation and service. These smart, green windows and doors are synergy of convenience, quality, comfort and environment friendliness.

- World-class German profiles and allied products
- Sources steel from REHAU ancillary
- Hardware from REHAU certified suppliers from across the world
- LEED rated state of the art manufacturing facility at Hyderabad
- Quality standards as per ISO 9001- 2008
- Fabricated on world renowned German Elumatec machines
- High-quality installation materials used
- Experienced and trained team for manufacturing and installations
- Commitment to quality and on time delivery / installations
- Customer rating and satisfaction report for every project

Our core team has more than a decade of rich experience in manufacturing and installation. Our highly-skilled production and installation team can provide end-to-end door and window solutions with diligent customer service.

Certifications

- LEED-Rated factory (applied and awaiting certification)
- Green Certified Windows and Doors
- ISO 9001:2008 Certification
- Global Accreditation for REHAU

REHAU, founded in 1948, today enjoys an impeccable reputation globally for developing innovative solutions in providing a wide range of products and services to the Construction, Automotive and Industrial sectors.

With about 17,000 employees around the globe in over 170 locations on six continents, REHAU offers incomparable expertise in materials development, systems design and surface technology, and an unwavering commitment to building long-lasting partnerships and alliances with our customers.

Continuing research and development enables us to consistently deliver cost-effective and environment-friendly products. Stringent quality control and safety guidelines ensure that all our products comply with the highest international standards. REHAU's products and systems for the window and door, heating and plumbing, fire protection and pipe markets complement each other in integrated high-performance solutions, representing the perfect blend of quality and innovation to inspire better living.





Why REHAU Window Systems?

REHAU is the **leading uPVC manufacturer of window profiles**. Its unique solutions comprise of specially engineered designs that combine form with function better than anything you've ever seen. So every REHAU system is **as stylish as it is ingenious**, and **as attractive as it is durable**. For both practical and aesthetic reasons, REHAU ensures you of windows that work beautifully, taking care of a major factor in the success of any building project.

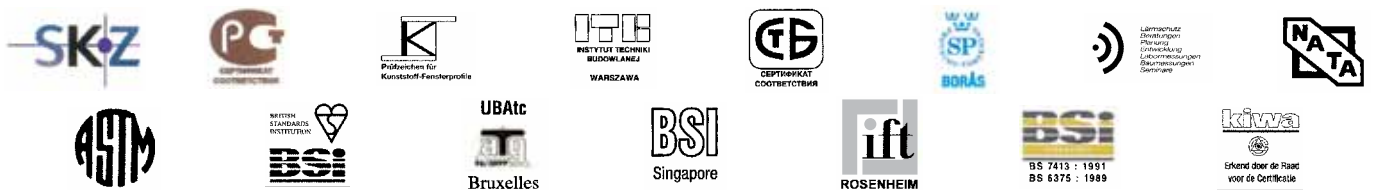
German engineered systems for worldwide climates

The following section of references shows how the quality windows system fulfils practical requirements.

- LASALLE-SIA College of Art, Singapore
- Toorak Apartment, Melbourne, Australia
- Tugan Apartment, Gold Coast Brisbane, Australia
- Residential house, Nan-Tou, Taiwan
- Holiday resort, Zhi-Tou National Park, Taiwan
- Sheraton Hotel, Brunei, Brunei
- Filsystem Tower 1, Manila, Philippines
- An-Lan Home, Taichung City, Taiwan
- Golden Car Resort Centre, Yi-Lan City, Taiwan
- National Museum of Marine Biology and Aquarium, Pingtung county, Taiwan
- State University in Belgorod, Russia
- Pleasure boat "Papanov" in Rostov n.D., Russia
- Administration Building in Stary Oskol, Russia
- Condominium Weissr in Bangalore Pl., Minsk, Belarus

Quality and certification

REHAU Window Systems meet international quality and regulatory standards, and are accredited by both international and national regulation bodies.



INNOVATIVE AND VERSATILE

CATERING TO THE WIDEST MARKETS POSSIBLE

As a world leader in polymer solutions, REHAU creates PVC extrusions for windows and doors that set new standards for premium performance and distinctive design. From aesthetics to function and durability, ACTIVE GREEN WINDOWS SOLUTIONS benefit from quality materials and the most advanced technology. ensures aesthetics, function and durability by using high quality input materials and advanced technology.



Unrivalled benefits + easy installation

ACTIVE GREEN WINDOWS SOLUTIONS (REHAU Euro-Design Slide and REHAU Prestige-Design) represent the **latest technological advances in window and door design**.

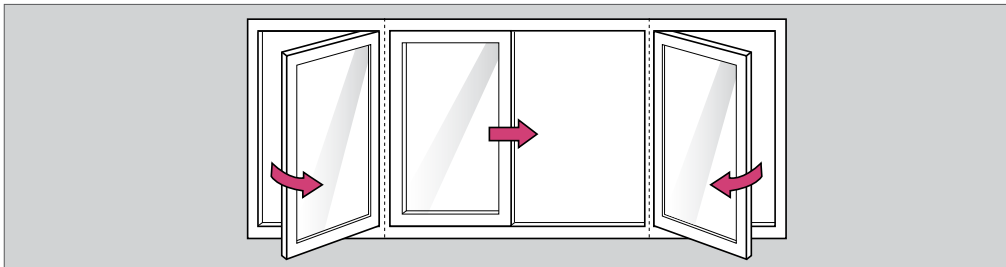
With nearly 6 years of expertise in product research and development, REHAU is renowned for its innovation and advanced engineered designs. ACTIVE GREEN WINDOWS SOLUTIONS is proud to bring in REHAU's extensive range that meets the requirements of renovation and new construction applications in residential and commercial buildings.

THE CHOICE IS YOURS

DESIGN AND COLOUR OPTIONS

DESIGN FLEXIBILITY

REHAU offers an advanced range of window styles that can be mixed and matched for new buildings and replacement applications. All styles from inward-to outward opening, single windows to multi light windows with transoms, balcony doors, sliding windows and doors and all combination out of that can be constructed with REHAU systems. Weather it is a folding door or a French door, a tilt and turn or an arched window you are looking for: with REHAU window systems the possibilities are virtually unlimited.



2 window systems,
unlimited possibilities!

Residential Doors



Sliding Doors



Sliding Windows



Inward Opening Windows



Outward Opening Windows



ATTRACTIVE RANGE OF COLOURS



With a **wide range of colours and multiple configurations** to choose from, our windows visually enhance both the interiors and the facade of any home. ACTIVE GREEN WINDOWS SOLUTIONS have a standard range of window profiles with lamination and uses only foils that are specially engineered to withstand extreme UV radiation. The beautiful woodgrain finishes as well as the plain colours do not warp, flake or peel. There is no need for painting anymore.

No painting
required!

EFFECTIVE SOUND INSULATION

INGENIOUS DESIGN KEEPING NOISE LOW

To concentrate at work or relax after a hard day, the one factor needed for optimum results is a peaceful and quiet environment.


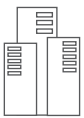



Tailor-made noise protection system for healthy sound of silence

ACTIVE GREEN WINDOWS SOLUTIONS using REHAU Prestige Design are perfectly designed to reduce sound transmission. The dual compression gaskets ensure tightness of the windows and doors.

Combined with suitable glazing and installed in a professional way, ACTIVE GREEN WINDOWS SOLUTIONS can achieve a sound reduction of up to 40 dB. This easily exceeds the recommended sound – proofing level for sleeping rooms even in busy town centres.

EXCEEDING RECOGNISED STANDARDS

Sound Insulation Table			
Location And Noise Pollution Level	Recommended Max. Noise Level	Recommended sound proofing Level of Window	Noise Protection Class
Residential Area about 60 dB 	Sleeping 25 - 30 dB Housing 30 - 35 dB Working 35 - 50 dB	30 dB 27 dB 14 dB	2 1 0
Town Centre about 70 dB 	Sleeping 25 - 30 dB Housing 30 - 35 dB Working 35 - 50 dB	43 dB 37 dB 35 dB	4 3 1
Industrial about 75dB 	Sleeping 25 - 30 dB Housing 30 - 35 dB Working 35 - 50 dB	47 dB 43 dB 30 dB	5 4 2

Sound insulation up to 40 dB

(dB) decibel is a logarithmic unit of measurement that expresses the magnitude of a physical quantity (usually power or intensity) relative to a specified or implied reference level.



Highly effective dual compression gaskets cause tightness of windows and doors, leading to excellent sound insulation!

PEACE OF MIND

SAFETY MEASURES AND MATERIAL QUALITY FIRMLY IN PLACE

Your home is your haven, which is why ACTIVE GREEN WINDOWS SOLUTIONS serve as an effective barrier against the intrusion of noise and unwelcome strangers.



Engineered with security for your family and your property in mind

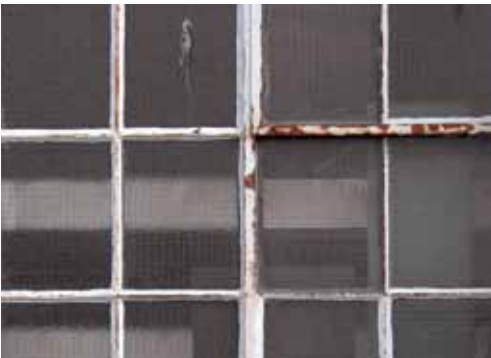
REHAU profiles will accommodate most of the shootbolts and security hinges currently available on the market. Thanks to the Eurogroove in our sash profiles, all multi point locking hardware can be installed in windows and doors to further deter burglars.

In addition, the windows supplied by ACTIVE GREEN WINDOWS SOLUTIONS are internally glazed. This means the glazing beads that hold the glass in place are on the inside and cannot be removed by would-be-intruders.



SELF EXTINGUISHING

REHAU uPVC is classified as a high-impact resistant material. It is notably **difficult to ignite and will self-extinguish when the source of heat is removed.**



NO ROTTING, NO CORROSION, NO PAINTING

Unlike other materials like wood, **uPVC profiles by REHAU are rot-proof and resistant to atmospheric pollution**, including a range of acids and alkalis.



HIGH WIND LOAD PERFORMANCE

The **wind load capacities of REHAU Window Systems have been verified at a range of 3500 - 6300 Pa** (tested in accordance with GB/T7106-2002 and at estimated windspeeds of 270 - 380 km/h). In other words, **ACTIVE GREEN WINDOWS SOLUTIONS** are built to withstand the gustiest wind conditions, which makes them an ideal choice in highrises and coastal areas.

Able to withstand windspeeds up to 6300 Pa and signal 9* typhoon!



ACTIVE GREEN WINDOWS SOLUTIONS are resilient enough to shield you from even typhoons, ensuring safety and security indoors.

* According to Taiwan's storm surge classification system for the country

CLEAN INTERIORS

PERFECT PROTECTION AGAINST THE ELEMENTS

Solves the common problems of a high-rise urban home

These days, more people live in high-rise apartments that overlook vehicular traffic with all its noise and air pollution. This makes housekeeping even more of a chore. ACTIVE GREEN WINDOWS SOLUTIONS made of REHAU profiles have been **thoughtfully designed to keep out opposing forces of a clean and restful environment.**





FUSS-FREE MAINTENANCE

It takes only half as much time to clean tilt-and-turn windows, as their openings allow you to swipe both sides at the same time. Being made of exceptionally durable uPVC by REHAU, ACTIVE GREEN WINDOWS SOLUTIONS are **extremely resistant to pollution, diluted acids and alkalis**. No special maintenance regime beyond the use of appropriate standard household cleaners is required. All in all, a ACTIVE GREEN WINDOWS SOLUTIONS using REHAU system are virtually **guaranteed to help you save plenty of time and money** over the long duration of its use.

Safe cleaning inside-out with tilt-and-turn windows



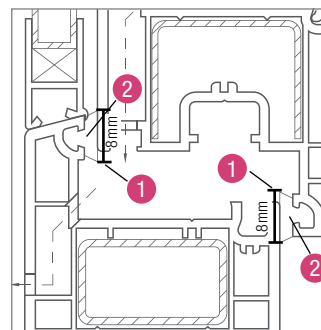
DUST PROOFING

The sealing in REHAU Window Systems is calibrated to **achieve excellent air tightness of less than 0.1 m³/hr/m² @ 10 Pa** (tested in accordance with GB/T7107-2002). This effectively stops dust drifting in from the outside, which drastically **reduces the time you'll need to spend cleaning your home**.



WATER TIGHTNESS

REHAU windows incorporate an 8mm overlap between frame and sash, as well as dual compression gaskets, to prevent both dust penetration and water infiltration. They boast a **proven water tightness of at least 2 litres/min/m² @ 700 Pa** (tested in accordance with GB/T7108-2002). So your home stays absolutely dry however heavily it might be raining outside.



- 1 8mm overlap of frame and sash
- 2 Duo compression gasket

LONG-LASTING UTILITY

LOOKING GOOD AGAINST ALL ODDS

REHAU window system was selected for the Triumph Tower in Moscow, Russia for its long-lasting brilliant white appearance.

RAU-PVC:
REHAU's own formulation
for window profiles



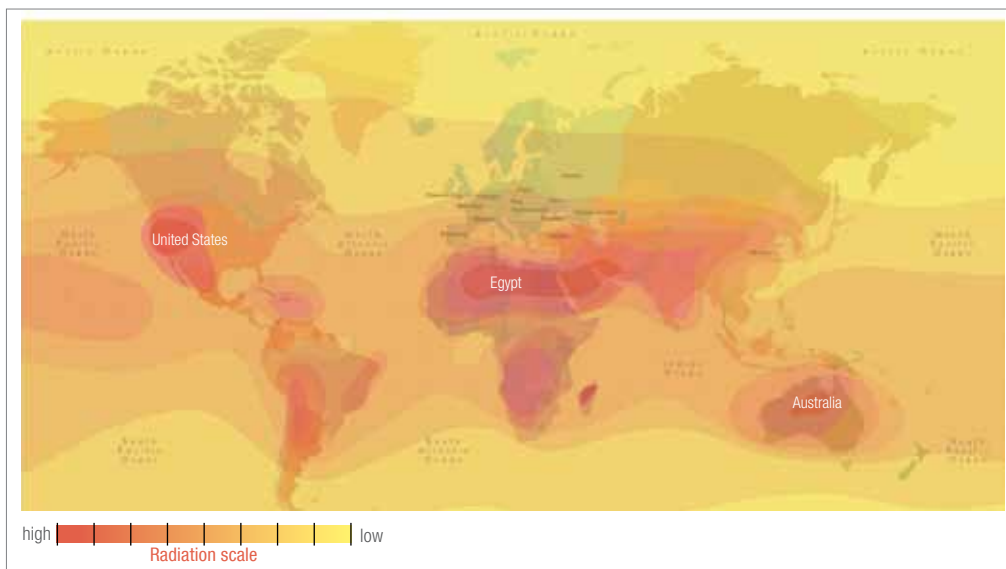
Quality materials ensure longevity of form and function

The basis for REHAU's profile quality is the use of quality compound, RAU – PVC. The recipe is the culmination of over 50 years of research and trials. Tough and impact resistant, it is ideally suited to external use.

The high quality compound used to create the renowned **REHAU smooth gloss finish** ensures that the windows stay white and retain their pristine appearance indefinitely. Of course our profiles are UV – stabilized and are able to withstand severe climatic conditions. **ACTIVE GREEN WINDOWS SOLUTIONS** are durable and will keep their looks for many years whatever the weather throws at them.

High quality and UV-stability from Australia to China to India

While frames made of aluminium or any other metal tend to scorch, REHAU uPVC is such a poor conductor of heat that you can lean on it comfortably and enjoy the views even on the hottest of days. More significantly, it prevents the heat outside from entering your home, thereby reducing your reliance on cooling devices such as air conditioning.

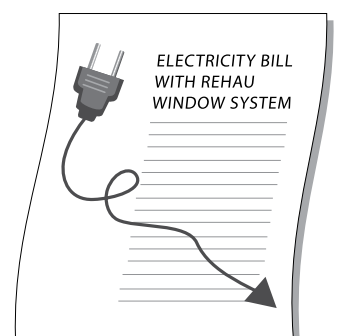


ENERGY-SAVING

ACTIVE GREEN WINDOWS SOLUTIONS can be installed in regions experiencing up to 180kcal/cm² per year radiation, such as the Sahara Desert or the Arctic region. They **undergo no physical trace of reduction in rigidity between -30°C and 60°C**. So the conditions of neither the Arctic region nor the Sahara Desert could ever cause a dent in any REHAU profile.

Certain climatic conditions take a toll on buildings. Coastal houses, for instance, should be able to stand up to high wind loads and the corrosive effects of water. Each REHAU Window System is **specially formulated to suit the global spectrum of climates and regions**.

Energy savings you will fell in your wallet



* According to tests on double glazing glass for eight hours of air conditioning

ACTIVE GREEN WINDOW SOLUTIONS

COMPLETE PROVIDER OF QUALITY SOLUTIONS

Our state of the art Fabricating unit is located at I P Pashamylaram, Patancheru is a LEED Rated facility. Installed world reputed Elumatec German Machinery for perfection in fabrication. Our team is a perfect blend of young ITI/Diploma holders and experienced Engineers and management graduates. We follow stringent quality norms and ISO 9001:2008 standards.



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OUR ESTEEMED PROJECTS

ONE STOP SOLUTION WITH QUALITY PARTNERS



S & S Green Grace - Gachibowli



Raasi Associates - Hitech City



Shraddha Developers - Bangalore



Woxsen Business School



Star Hospital - New



Sunshine Hospital - Madhapur



Sagar Soft - Jubilee Hills



Bharat Biotech - Hyderabad



Vessella Villas - Hyderabad



SLV - Bhimavaram



Kamlesh Constructions - Guntur



Sangam Dairy Parlour - Guntur

At REHAU continues innovation to add value to customers and partners with sophisticated products, solutions and services is a enduring activity.



Windows and Doors



Radiant Heating and Cooling



Plumbing & Piping System



AC Trap Door



Roller Shutters



Indoor and Outdoor furniture



Edge Bands



Geothermal Solutions



Automotive



Aircraft



Water Harvesting System



REHAU Range of Products for Construction



ACTIVE GREEN WINDOWS SOLUTIONS

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