



RKITECT UPVC WINDOORS

Imported Quality Windows & Doors

Choose the style to suit your home



Windows

Shower Cabin

Partition Walls

Wood Textured

Door



Factories



Hospitals



Commercial Offices



Schools/ Universities

OUR MESSAGE

We, Rkitect uPVC Frames, are thrilled to welcome YOU and introduce to our unmatched imported premium quality uPVC windows, doors, office cubicles, partition walls and other products.

By using Rkitect uPVC windows and doors, how would like to/if:

Slash cooling or heating energy bill by 25 to 35%?

Reduce the noise pollution by 30 to 40 decibels (dB) and avoid its adverse effects at home or office?

Get rid of annoyed jamming of aluminum, anodizing, re-polishing of wood, high maintenance cost to low maintenance more durable, technologically advance and aesthetically pleasing upvc products?

Contribute to greener world and ultimately greener Pakistan?

Your commercial projects, schools, hospitals, industrial units and interiors are delivered with luxurious attributes such as upvc windows, doors, office partitions etc. and eventually yielding a competitive advantage and a premium price is added to your project pricing?

In the accompanying brochure you would find answers to above mentioned "How's" and other information of your interest.

We aim to deliver not only the uPVC products; but satisfaction through quality products and services. Rkitect uPVC products' main features include: *soundproofing, heat insulation, no shrinkage, anti-corrosion, termite free, fire resistant aesthetically pleasing etc.*

Without taking much of your valuable time, I would love to let you surf through this brochure to know more of uPVC products and be available and welcome your queries.

Warmest Regards,

Rkitect Management

Imported Quality UPVC Windows & Doors
Luxurious lifestyle for all



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Who we are ?



Rkitect Upvc Frames (Rkitect) is an upvc windows, doors, office cubicles and partition walls Distribution and Fabrication Company, established in 2017. Rkitect specializes in designing, manufacturing, installation, and services of upvc fabricated products. A perfect blend of high-tech German, Turkish and Chinese machineries, tools and trained personnel enable Rkitect to supply high performing long lasting upvc fabricated products to meet the ever-changing needs of Householders, Builders, Developers, Industrial units, School, Hospitals, Offices and other projects.

With the goal to serve the customers' diversified demand from throughout Pakistan, Rkitect has joined hands with professional fabricators; which enabled us to maintain a sizeable stock and deliver the big projects, uninterruptedly. Rkitect's production, quality, technical & installation personnel are directly trained by German, Turkish and Chinese experts, which give us sustainable competitive advantage to deliver our projects exceeding customers' expectations.

Rkitect, a company you can trust, is right here to give your home aesthetically stunning visual and luxurious lifestyle!

Vision Statement

"Rkitect aims to be the industry icon and own the sector; while contributing towards corporate social responsibility."

Mission Statement

"Rkitect intends to achieve market leadership by providing imported premium quality luxurious uPVC windows, doors, office cubicles, partition walls and other ancillary upvc products that speak for your lifestyle; While contributing towards greener and energy efficient Pakistan and discouraging less efficient metal frames and cutting of trees for windows and doors."

Customer Focus

Rkitect aims not to just meet customer expectations; but exceed them and create delighted customers. What's more, this isn't a one off: we are able to do this consistently; this is how we build loyalty and even devotion from customers as well as architects.

Core Values

Our core values highlight what we stand for. Core values guide our behaviors, decisions, and actions.

Our core values are:



What we do ?

Rkitect's products range; but not limited to:

WINDOWS

Windows are eyes of your home and a gateway to light & air to keep your home dry and fresh. Your windows also help define the style of your house so do your life style.

Sliding Window

A beautiful panoramic view of nature is the best style statement for your home. Enjoy uninterrupted views of your surroundings with stunning uPVC sliding windows from Rkitect



Tilt & Turn Window

This casement window works 2-ways. It acts in the top hung and side hung window that opens both ways – inwards and outwards.



Casement Window

Rkitect's casement window can open inward and outwards comes with gaskets all around the sash and locks at multiple points to provide maximum level of noise and thermal insulation. to clean and maintain



Ventilator Window

Make your ventilation vents stylish and sturdy. The top hung variant of our casement windows works best for bathrooms and kitchens. They enhance air circulation and look good as the shutters are hung from top using friction hinges.



Georgian Window

The Georgian period is an era characterized by classical architecture and design, and traditional double glazed Georgian windows are expertly made to feature authentic Georgian bars.



Fixed Window

These are also popular as 'picture window' as they are stationary. These are chic non-opening windows and are deliberately allowed to let light into the room and to offer an unobstructed view of outside.



Bay Window

Bay window is a combination of three or more windows that projects outward from the main walls forming a bay in a room, either square or polygonal. Also, it brightens the room by allowing more light into the property.



Corner Window

The glass to glass corner can be used where an external view is required without disruption from corner posts or joints. The window allows maximum light to enter and can be used as an architectural feature.



Doors

For every property, doors are the first focal point. Hence, many people now prefer to select Rkitect doors which are high on style with impressive design. These reflect the top-notch latest advances in the technology. They are made to measure to provide high-levels of security.

Sliding Doors

RKITECT uPVC sliding doors are best suited for spaces with balconies or verandas. Available in a range of sizes, they can also be fitted with fly mesh depending on individual preferences



Casement Doors

For classic door design, UPVC casement door is ideal. They blend well with traditional aesthetics with chic functionality. These doors impart a charm to any property. Also, they have numerous security features and locks at various points.



Office Partition Walls/Cubicles

Due to peculiar characteristics of Upvc, such as strength and durability, fire resistant, ecofriendly and so on, upvc has been put to use in offices for making cubicles and partition walls. Upvc walls are also an additional tool in the hands of architects to handle clients' last minute changes, while ensuring the load of the structure, aesthetics and overall delivery of the project exceeding expectations.



How can you benefit from Rkitect uPVC Windows & Doors

Energy & Thermal Efficiency

Rkitect uPVC systems saves 25 to 35% energy losses.

Are your windows saving money or wasting?

Air-conditioning is the staple need of all the modern buildings of today, in Pakistan. In any building windows are huge 'energy holes' accounting for maximum cooling and heating losses.

Having excellent thermal insulation properties, RKITECT upvc doors and windows are brilliant money savers on day to day basis owing to the thermal efficiency which contributes to saving energy cost and heightened comfort level.

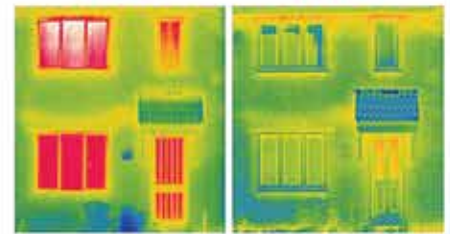
Decor your homes, offices, buildings and commercial and industrial buildings thermally smart, with RKITECT systems and switch to perfect economy.



Infra-red thermography shows maximum heating/cooling losses occur through windows

Before

After



Low Maintenance

Rkitect uPVC windows are easy to care for

Premium quality upvc products require low maintenance, no paint, no polishing. Unlike wood and aluminum windows and doors, uPVC never rots, flakes, rusts, fades, pits, peels or corrodes.

At times low quality poorly extruded upvc products brittle; but not RKITECT 100% imported premium quality uPVC products. RKITECT gives 15 years brittleness warranty. It needs only a light soapy wash and a check of the seals for maintenance.



Noise Pollution Reduction

Rkitect uPVC system helps reduce noise pollution

RKITECT uPVC Door & Window systems utilize a multi-chambered profile design with double seal technology that ensures inherent insulation against sound infiltration. Installed with appropriate glazing, sound reductions up to 40 dB (decibels) are possible thus providing excellent levels of soundproofing and assisting effectively in the desire to protect against noise pollution.

Sound Insulation Table		
Location And Noise Pollution Level	Recommended Glass Value Level	Recommended Soundproofing Level of Window
Residential Area about 55 db	Sleeping 25 - 30 db	35 db
	Heating 30 - 35 db	47 db
	Working 35 - 40 db	54 db
Urban Centre about 70 db	Sleeping 25 - 30 db	43 db
	Heating 30 - 35 db	57 db
	Working 35 - 40 db	63 db
Industrial about 75 db	Sleeping 25 - 30 db	43 db
	Heating 30 - 35 db	57 db
	Working 35 - 40 db	63 db



Security & Protection

Multi point locking system poses resistant to unwanted intruders

Your family is your world and protecting them is an instinctive part of our nature. Protecting our material possessions is also important and feeling safe and secure in our homes is as simple as choosing the right doors and windows. RKITECT's high security hardware and excellent frame strength gives you that peace of mind.



Termite Proof

Rkitect uPVC windows make your home termite free

The biggest benefit in Pakistan is that uPVC is a termite retardant product. You can choose RKITECT's uPVC windows and doors instead of timber and you can make your home termite free.



Fire Resistance

Rkitect uPVC don't support combustion and are self-extinguishing

RKITECT UPVC windows and doors are naturally flame retardant throughout their product life. They will not cause, support or enhance the development of accidental fire. Once the availability of ignition is removed Upvc stops burning. Oxygen Index of PVC is 45 – 49; it means it needs nearly 50% oxygen to continuously burn. Atmosphere contains only around 21% Oxygen. Calcium Carbonate and Chlorine in PVC prevent it from burning and make it self-extinguishing.



Water Resistant

Rkitect uPVC windows can bear rains all lifelong

Extreme harsh weather, heavy rains have no adverse effect on Rkitect uPVC windows. Even the heaviest exposure to monsoons or floods will leave uPVC frames unaffected. The ingenious build-in drainage system ensures that any potential water ingress is efficiently eliminated. No ingress of water happens even if you wash windows with water.



High UV Protected

Rkitect uPVC windows are High UV resistant

Pakistan is high UV sensitive country; it receives UV radiations which are 10 times higher than Europe, 2-3 times higher than China. Cheap uPVC formulations are sensitive to UV and oxidative degradation. However, technological advanced Rkitect uPVC profiles contain, Titanium Dioxide, anti-oxidants and other stabilizers which give it strength against degradation, brittleness and fading. RKITECT UPVC windows and doors are capable of protecting from high UV index.



Wind Load Suitability

Rkitect uPVC windows can withstand high wind pressure.

Windows have to withstand higher wind loads particularly in windy locations, coastal areas, high rises, etc. uPVC Windows are designed and reinforced to withstand even 3000 Pascals of wind speed (equivalent to 245 km/hr. of wind velocity).



Durable and Sturdy

Long lasting and reinforced with galvanized steel.

RKITECT uPVC windows and doors are much stronger and made out of far more durable material than traditional wooden doors partly due to the manner in which they are constructed. uPVC is an exceedingly durable material and ensures your door will stand the tests of time and never lose their shape. RKITECT upvc products ensure high resistance against most chemicals, zero corrosion under adverse climatic conditions such as in coastal areas and highly polluted industrial areas, preserves original color and physical properties.



Imported Quality UPVC Windows & Doors
Luxurious lifestyle for all



Eco-friendly

uPVC is Eco Friendly, helps in reducing deforestation. RKITECT doors and windows are a viable as well as superior option to wood and aluminum. Being a substitute of wood, it helps the environment by reducing deforestation. 100% recyclable RKITECT systems are Lead free, thus increasing the environmental sustainability and are free from health and environmental hazards of lead poisoning.



Aesthetics

Sleek and elegant look with luxurious lifestyle

One prerequisite fact that makes RKITECT upvc products become most favorable choice of customers is the luxurious and harmonious and matching the needs of modern architecture. With smooth, glossy surface and perfect welded corners, RKITECT upvc products do not require any repainting throughout the useful life of the windows and doors



Why Should You Choose Rkitect UPVC Frames ?

You compare; but not apple with pear.

Off course, from distance all upvc windows and doors seem alike; but as you come nearer you will feel the differences such as cheap and rich formulation in their appearance, sturdiness, welding and color fastness, and in their functions with good or bad hardware.

Considering your requirements of high quality, taste of aesthetics and durability, Rkitect imports premium quality German, Turkish, and Chinese upvc profiles from its affiliates and uses high quality hardware to give your windows and doors unmatched perfect elegant look, sturdiness & durability and smooth operations.

Rkitect has a team of highly skilled production, quality, and installation professionals, trained by German, Turkish and Chinese experts. These professionals help us gaining a sustainable competitive advantage.

Rkitect accepts no compromise on quality. Our expert professionals keep track of your order from inception to end and assure quality at production, installation and post installation stage.

Rkitect provides 15 years profile warranty and 1 year post installation labor service free.

We deliver what we commit; we commit what we deliver. Rkitect professionals ensure the delivery on time. That means after the order is placed, you just sit back and relax.

Rkitect Quality Policy

Rkitect is committed to achieving customers' satisfaction by use of imported quality upvc profiles, hardware, and implementing quality in every stage from initial measurement to fabrication and installation at your site.

Technical Details/Specifications

Let the architects and civil engineers deal with it.

Upvc Profile Specifications

Description	China		Turkey		Germany	
Profile Colors	White		White & Wood Textured		White	
Profile wall Thickness	2.0mm to 2.2mm		2.4mm to 2.6mm		2.99mm to 3.3mm	
Profile Chambers	Multi-chambered		Multi-chambered		Multi-chambered	
Profiles Section details	Height (mm)	Width (mm)	Height (mm)	Width (mm)	Height (mm)	Width (mm)
Sliding Window:						
Frame	50	80 - 100	Flexible, wide range of variety	Flexible, wide range of variety	Flexible, wide range of variety	Flexible, wide range of variety
Sash	60 - 80	36 - 42	-do-	-do-	-do-	-do-
Screen Sash	60	36.5	-do-	-do-	-do-	-do-
			-do-	-do-	-do-	-do-
Fixed Window:						
Frame	51	80	-do-	-do-	-do-	-do-
Openable Window						
Frame	58	60	-do-	-do-	-do-	-do-
Sash	78	60	-do-	-do-	-do-	-do-
Doors:						
Frame	58	60	-do-	-do-	-do-	-do-
Sash - inward	84	60	-do-	-do-	-do-	-do-
Sash - outward	104	60	-do-	-do-	-do-	-do-
Gasket	EPDM		EPDM		EPDM	

Double Glazing

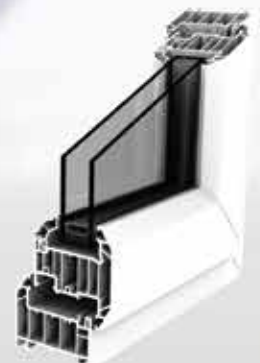
Two glass sheets separated by aluminum spacer. Desiccant granules inside spacer to absorb moisture between two glass sheets. spacer attached to glass sheets by means of Butylic paste. Two glass sheets and spacer made air-tight with Polysulphur glue.

Sound Insulation Table		
Location And Noise Pollution Level	Recommended Max. Noise Level	Recommended Soundproofing Level of Window
Residential Area about 60 dB 	Sleeping 25 - 30 dB	30 dB
	Housing 30 - 35 dB	27 dB
	Working 35 - 50 dB	14 dB
Town Centre about 70 dB 	Sleeping 25 - 30 dB	43 dB
	Housing 30 - 35 dB	37 dB
	Working 35 - 50 dB	25 dB
Industrial about 75dB 	Sleeping 25 - 30 dB	47 dB
	Housing 30 - 35 dB	43 dB
	Working 35 - 50 dB	30 dB

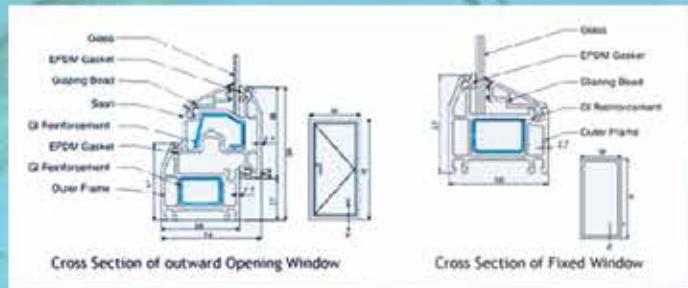
Glass Glazing

Rkitect uses high quality locally manufactured glass depending on the customers' requirements. Our recommendation is to use double glazed tempered glass to benefit from ideal upvc systems

Glass Type	Functionality			
	Sound Insulation	Heat Insulation	Light	Safety
Float	☐☐	☐	☐☐☐☐☐☐	☐
Tinted	☐☐	☐☐☐	☐☐☐	☐☐
Reflective	☐☐	☐☐☐	☐☐	☐☐
Tempered	☐☐	☐	☐☐☐☐☐☐	☐☐☐
Double Glazed	☐☐☐☐	☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐
Double Glazed Tempered	☐☐☐☐	☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐☐☐
Triple Glazed	☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐☐☐
Laminated	☐☐☐☐	☐☐	☐☐☐☐	☐☐☐☐☐☐



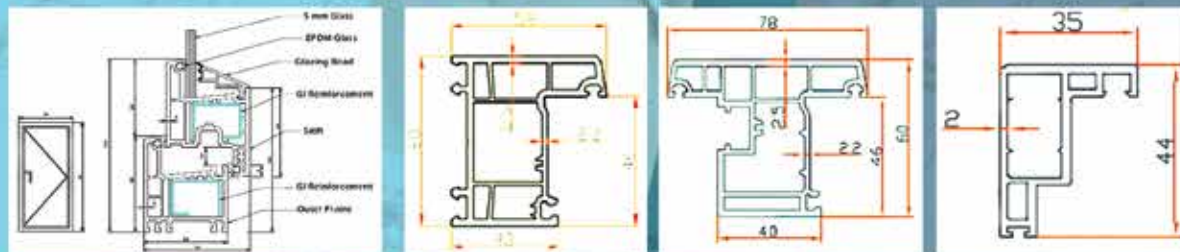
Cross Section Details



Casement Profiles Drawings:

Attributes

Steel Reinforcement
Glazing Gaskets
Self-Draining
Choice of Glass
Wide Opening Special
Steel Friction Hinges



Casement Frame Profile

Casement Sash Profile

Casement Fly Mesh Profile

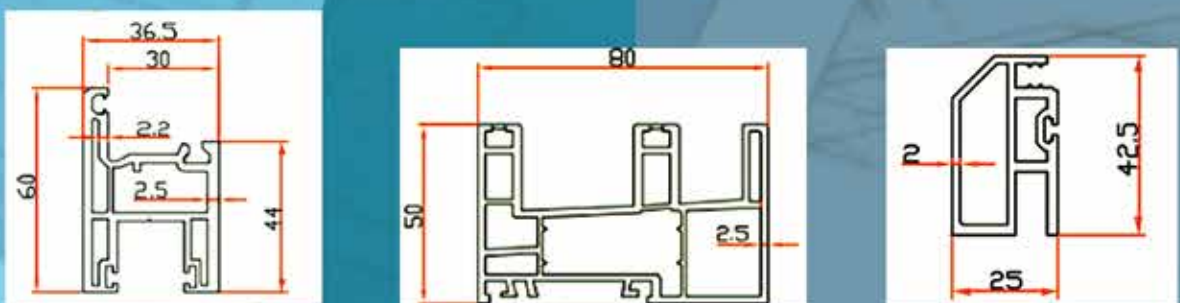


SLIDING DOOR WITH MOSQUITO MESH

Sliding Profile Indicative Drawings:

Attributes

Steel Reinforcement
Self-Draining
Glazing Gaskets
Double Brush Seals
Choice of Glass
Mosquito Screen
Easy Glide Rollers



Sliding Sash Profile

Sliding Frame Profile

Sliding Fly Mesh Profile

Why Professionals recommend Rkitect uPVC systems?

Architects & Civil Engineers:

As a good architect, you need to have an eye for solutions that are modern, technically sound and innovative, and a knack for delivering within the given costs and timelines. And when it comes to doors and windows, RKITECT uPVC systems offer an optimal balance between aesthetics, design, performance and value.

Here are the some definite advantages of RKITECT products that help you enhance your designs:

- Almost unlimited customization options: available in a range of shapes and designs, combinations and extra-large windows.
- Technical attributes: high sound and thermal insulation, besides protection against rain water seepage.
- Range of finishes to suit the desired look of exteriors/interiors: available in white and wood-finish laminations.
- Light weight of upvc products gives flexibility to architects and engineers to meet last minutes changes, such as rising of wall on no beam and column supported area.

We at RKITECT constantly strive to provide better products, such as environment-friendly, lead-free profiles. In fact, RKITECT has many firsts to its credit. Moreover, for special projects, we offer an added advantage of sourcing profiles from RKITECT's European affiliates, if so needed. And to seal the deal, RKITECT partners with architects to ensure the right solution is provided for every project. This includes sharing of windows and doors drawings based on initial assessment and a range of designs based on the project guidelines. We even provide corner sections and sample windows, to give the architects a feel of the product before placing the order.

Builders:

Commercial and residential buildings are to be designed with precision, it is a place where business happens and our families live.

Doors and Windows comprise 60% of building's aesthetic appeal. Aesthetics along with appropriate fittings is solicited while choosing fenestration material.

Noise can disturb the whole office environment and especially in Pakistan when the office or commercial complex is on the main road. Rkitect provides upvc windows and doors that will help reduce noise pollution up to 40 decibels (40dB) and contribute to 60% of the building elevation.

Advantages:

- Upvc is well known globally for its core benefits such as durability, withstanding a wind load up to 245KM per hour, sound proofing, water and air leakage and thermal properties, and upvc is quite a new product for commercial and residential projects in Pakistan,
- Rkitect upvc windows and doors,
- Give your project a luxury touch,
- Create a unique selling point in your project; thus help in advertising,
- Provide competitive edge,
- Over all elevation of the project look more elegant, based on this builders may consider to recover this investment which the customers are willing to pay for.
- Zero dependence on carpenters, as all labor is outsourced.
- Factory finished profiles with minimal on-site work and minimal workforce, limiting the disturbance and damage to other work.
- Installed only at the final stages of the building construction, it does not block funds.
- Minimal post-installation issues, no warping or seepages, etc.
- Best rates for upvc windows and doors could be worked out; on good volumes.

Moreover, with RKITECT, there's the added advantage of availability of multiple options for various requirements, to optimize costs and meet all functional requirements – be it kitchen windows, sliding windows, sliding doors, large sliding doors, opening windows with mesh provisions, or ventilators.

As a launch pad for every great builder's dream, RKITECT ensures almost all requirements are delivered quickly, by using local and global partners' resources.

Specific Customers

Rkitect loves to serve specific customers' varying requirements be it a hotel, office & industrial units, apartment, villas, school or universities or hospitals.

Hotels and Guest House

RKITECT uPVC Windows are optimally designed for the needs of the hotel industry. Not only are they aesthetically magnificent and easy to maintain, they also provide functional benefits that are required in hotel rooms such as insulation from sound, dust, pollution and rains.



Villas

Adorn your villa with beautiful French windows and doors from RKITECT. Our uPVC windows not only enhance the beauty of your villas, but also keep away dust and pollution.

That's not all; RKITECT uPVC windows provide unobstructed view of the world, while protecting you from the harmful effects of the environment outside. Noise, strong winds, heat and rain don't stand a chance!



Hospitals

Dust, pollution, rainwater and other external disturbances can seep in through the hospital windows and doors. Conventional windows made from wood or metal cannot keep these issues away.

RKITECT uPVC hospital windows seal off the disturbances without blocking the beautiful view, creating a peaceful environment that promotes healing.

Advantages of RKITECT uPVC hospital windows:

- Low maintenance and easy to clean
- Available in large sizes, creating bright and airy rooms
- Weather resistant with temperature control



Offices and Industrial Units

Offices are our second home. RKITECT uPVC windows & doors help create serene and healthy environment as it is vital for motivation, performance and productivity. They provide high thermal insulation blocking the external heat and cold, thereby also keeping the air-conditioning costs in check. They don't just look great; they also block out noise (both external & internal), keep pollution away and prevent rainwater seepages.



Schools, College or Universities

'No honking' signs are not enough to reduce noise pollution surrounding educational institutions. The environment of a school, college or universities should be conducive for learning. However, external noise from passing traffic or loud music and internal noise from another class or the playground can disrupt the flow of teaching, learning and classroom management.

RKITECT uPVC windows help soundproofing and ensure a peaceful learning environment for students. RKITECT uPVC windows also keep away dust and pollution, providing a healthy, tranquil environment for school children.



Apartments & Bungalows

RKITECT windows are designed with inbuilt flexibility where the builder can provide basic options and the end user can enhance the options based on their requirements such as fly mesh. RKITECT uPVC windows are stylish, sturdy, long lasting and offer cost effective options. So why opt for anything else.



Ordering to Delivery Process: How to order?

After placing an order, you can sit back and relax!

To ensure you get the best and a hassle free service, Rkitect takes on the complete responsibility of surveys, design support, fabrication, hardware sourcing, and actual installation at the site.

Once the order has been placed a series of processes are initiated to provide you the utmost care to help you strengthen your confidence on our products and services.

Survey

The survey is the most elemental feature of the entire complete solution process.

Trained professionals from the company measure all apertures on-site accurately so that the windows enjoy a perfect fit and a finish.

Design Support

We also ensure that the chosen window design functions within the constraints imposed by the opening and its surrounding. In order to meet your very unique requirements our experts spend some time with you or your architect or designer to ascertain the exact requirements and based on the requirements propose a workable design.

Fabrication

The fabrication of the windows and doors are functions of parameters like Job Design, specifications, quantity and delivery commitments. The fabrication shop depicts state of art facility which includes features that are completely automated to provide the most accurately measured windows to suit your requirements. From welding, cutting, routing to ultimate packing and dispatching of materials the system is engineered thoroughly to suit your needs providing the windows and doors that provide the ultimate fit.

Delivery

Delivery is the penultimate step to final installation of windows. The average delivery time ranges between 4 weeks' time to 8 weeks depending on the number of windows and the size of the same.

Customer Care

The product requires little maintenance however; we have a team of technically trained technicians to aid the customers in case of any post installation hassles.

And in case of any post installation hassles like breakage of glass, our specially trained technicians are just a phone call away to take care of your needs.

Frequently Asked Questions

What is uPVC or PVC-U?

UN-Plasticized Poly Vinyl Chloride is obtained from polymerization process of Vinyl Chloride – which is in turn obtained from mixing Ethylene with Sodium Chloride (57%- Common Salt).

Is uPVC suitable for Pakistan?

YES! uPVC is ideal for Pakistan climate which is near tropic and has a high demand for energy conservation. uPVC windows help in controlling the heat coming into the building / home by acting as an insulator. uPVC windows are ideal choice as they can offer U value as low as 0.6 W/m²K for high performance casement windows and 2.4 W/m²K for normal Sliding Windows which is much lower than other type of windows (wood, aluminum, steel, etc.).

Doesn't uPVC become yellowish?

No!! The Good Quality uPVC profiles are produced from Tropical Blends which have adequate percentage of TiO₂ - Titanium Di-Oxide which imparts white color to the profile along with UV / Heat stabilizers which protects the profile from harmful UV Radiations.

How can I compare traditional options of windows and doors with uPVC?
Or why should I go with uPVC products rather than aluminum and woods?

Maintenance Free		
Aluminum windows and doors need regular maintenance, anodizing and powder coating over long periods of usage.	Wooden windows and doors need regular Painting/polishing.	Rkitect windows and doors requires no painting; only routine cleaning.
Durability under Extreme Weather		
Aluminum windows and doors can start fading after sustained exposure to sun.	Wooden windows and doors start fading very soon; require constant re-polishing.	Rkitect windows and doors have UV resistant blend; do not fade under sustained exposure to sun.
Monsoon Resistance		
Aluminum windows and doors allow rain water to come in due to poor insulation and installation.	Wooden windows and doors tend to rot or expand during monsoons. Poor insulation allows water to flow inside.	Rkitect windows and doors have a built in special rain drain mechanism.
Environmental Impact		
Aluminum windows and door frames use large amounts of energy in production; not an environment friendly choice.	Wooden windows and doors use Tropical Hardwoods Are Ecologically Unsound.	Rkitect windows and doors use less energy at the time of production; hence more environment friendly.
Energy Conservation		
Aluminum windows and door (being metal) conduct heat energy. Poor sealing and imperfect installation leads to lot of energy loss.	Wood is a poor conductor of heat; hence wooden windows and wooden doors conserve more energy than aluminum windows and aluminum doors.	Rkitect windows and doors are poor conductors of heat. They have excellent sealing with multiple point locks and fusion welded joints; hence conserve energy.
Sound Insulation		
Aluminum windows and doors are poorly sealed with mechanical joints and poorly installed leading to poor sound insulation.	Wooden windows and doors are poorly engineered and poorly sealed, hence provide poor sound insulation.	Rkitect Windows and doors are fusion welded, lock at multiple points and double sealed leading to excellent sound insulation.
Termite resistance		
Aluminum windows and doors do not attract termites.	Wooden windows and doors are prone to termites.	Rkitect windows and doors are not prone to termites.

How exactly does energy saving happen in a window?

The frame and sash material is uPVC which is a non-conductor. It cuts the heat. Frame and sash is multi chambered. It cuts further heat. Tight gasket sealing helps in preventing leakage through the gap between frame and shutter. Multi-point locking system ensures that the shutter and frame are locked and sealed properly.

Why do we need steel reinforcements?

Steel provides the necessary tensile strength to uPVC profile to prevent deflection/ deformation against external forces.

Is uPVC recyclable?

Yes! uPVC is recyclable. However scrap is not used in profile extrusion to avoid impurities in the main profiles. Recycled PVC profiles are used in auxiliary profiles which are not exposed or add strength to a window. Some of it is used for producing accessories.

Is uPVC Window Fire Resistant?

Oxygen Index of uPVC is 45 – 49; it means it needs nearly 50% oxygen to continuously burn. Atmosphere contains only around 21% Oxygen. Calcium Carbonate and Chlorine in uPVC prevent it from burning and make it self-extinguishing.

Are all plastics equal ?

No. The great advantage offered by plastics is that they can be custom-engineered for a particular application. A slight change in a plastic's molecular structure can result in substantial changes of its properties. That's why all plastics are not the same, especially when it comes to window profiles.

Aren't uPVC windows all the same?

No. Even outwardly different windows can be completely different on the inside. The quality of the material, stability and durability, design and processing quality are different as are profile design, sealing, and system variety. Expert installation and integration are of paramount importance as well.

How can I tell good quality uPVC?

One way to assess the effectiveness of a frame is to examine the thickness (depth from inside to out). Ideally choose 60 mm thickness and ask about the thickness of the uPVC in the frame - a multi-walled (not solid) section should be 1.8 - 2.0 mm.

How strong are uPVC Doors & Windows?

They are strong as the formulation & the design of the profile ensure that the profile does not break. Secondly all the uPVC Doors & Windows are reinforced using steel.

Will the uPVC Doors & Windows change color?

No. the formulation done in our product is done to ensure that the UV rays of sun do no alter the composition of the profile thus ensuring that the color does not change.

How does uPVC Doors & Windows react in fire?

Our uPVC Doors & Windows burns when subjected to flame, but does not burn by itself: The product extinguishes immediately when the external flame source is removed.

Where is uPVC used in construction?

uPVC is as common in pipes, roof gutters, facade cladding, roofing, light-diffusing walls, interior fixtures, cable ducting, and signs as it is in windows and rolling/ folding shutters. Its long service life makes it both an economical as well as environmentally safe solution.

What types of windows are available?

There's the traditional casement window - side or top opening (sometimes known as an awning) and these can sit alongside fixed (non-opening) windows. There are also Vertical Sliders; there's an array of tilt and turn options where windows tilt back for ventilation and then turn to open and most popular sliding windows.

How much is the per square foot cost of upvc windows and doors? Is uPVC Doors & Windows costlier than other available alternatives?

At Rkitect, you are in the driving seat to customize your windows and doors to best fit your requirements in terms of design, option of glass, glazing, selection of hardware, net provision, decorative bars and eventually your budget etc.

Likewise in other products, per square foot rate of upvc products is a function of your specific requirements. General phenomenon is that larger the size of the window lower will be per square foot rate and vice versa.

uPVC Doors & Windows works out cheaper in the long run. Our windows are energy saving windows & can save up to 30 - 35 % electricity. Therefore making the cost of the window free of cost during its lifetime apart from the above these windows do are maintenance free & do not need painting & polishing therefore reducing the cost one has to incur over a period of time. Our windows do not need any maintenance as they do not warp unlike wooden windows which expand & contract in rainy seasons need regular repair & maintenance. In long term our uPVC Doors & Windows almost return back the initial investment made on them & hence making it free of cost during its lifetime.

Rkitect Foreign Affiliations & Testimonials



ADO Group (Wintech) is among the biggest window and door systems producers of Turkey. ADO products are distributed across the world from Australia to America, especially to Europe, Eastern Europe, Middle East, Asia, and North Africa countries.



VEKA Group of Germany is the world's largest extruder of uPVC profiles. The company started its operations in 1969 in Germany and has its own extrusion facilities in 12 countries (the United States, Russia, Poland, France, Spain, the United Kingdom, China, India, Canada, Mexico, Brazil and Chile) and representative offices in more than 40 countries across the world, including the United Arab Emirates.



HUAZHUIE Plastic Building Material Co. is the first China developer and biggest producer of uPVC window and doors systems. The company was built in Zhejiang in 1995. It is equipped with modern machinery from Austria and Germany.



Testimonials



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