

ENVIRONMENT

is no one's property
to destroy; it's everyone's
responsibility to protect.



METRO
EXPERTS FOR WINDOWS

METRO BUILDING SYSTEMS

Leading Manufacturer Of uPVC

Windows & Doors

www.metrobuildingsystems.co.in

METRO BUILDING SYSTEMS

is leading windows and doors manufacturer. Our uPVC & windows and doors products are perfect for any project, whether that be for use in residential, commercial or industrial settings. Offering not only quality and value, products are available in an ever expanding range of styles, designs, colours, and finishes, offering peace of mind throughout our rigorous production and security standards.



Why UPVC?

uPVC is proven to offer excellent performance and durability. It is long lasting and requires very little maintenance making it the perfect material for windows. It has also been tested and proven for thermal efficiency, sound insulation and great value for money.

uPVC window profiles tend to be considerably more cost-effective in the long run than steel and wood and provide more benefits. The material is a popular choice because it requires very little maintenance: other than cleaning the frames a few times a year, you can leave your windows to look after themselves.

uPVC is a perfectly safe and non-toxic material and has some impressive accreditations to its credit. With tons of benefits and the ease of maintenance, uPVC is fast becoming the most preferred material for windows and doors for commercial and residential spaces alike.

Advantages

Metro uPVC fenestration



**Weather
Proof**



**Anti-fungi,
Anti Termite**



**Ultraviolet
Radiations
Resistant**



**Eco
Friendly**



**Dust
Proofing**



**Fire
Resistant**



**Acoustic
Insulator**



**Water
Tightness**



**Maintenance
Free**



**Energy
Efficient**



**Thermal
Insulation**



**Strength &
Durability**

uPVC WINDOWS SYSTEMS

Casement Windows

This is a classic style that never goes out of fashion. The window panels open outwards or inwards, from the sides, giving the widest feel of openness.



Sliding Windows

Perfect for areas where opening space is restricted or window sizes are large. Rather than restricting the view using multiple casement panels, we recommend using large sliding panels that give the feeling of expanse.

Villa Windows

Recommended for ground level windows which may require additional security. The grills are sandwiched between two frames, making their removal impossible. Our profile's elegance and fine finish adds to its value.



Top Hung Windows

Ideal for areas where privacy is of prime concern, yet ventilation is required. They are generally used at ceiling level or in places where view needs to be blocked without restricting the flow of air.

Tilt & Turn Windows

T & T gives you the option to control your environment with precision. It is essentially 3 window types in one: fixed window, casement window, and top hung window. The tilt function allows for top ventilation, easily enabling hot air to quickly escape through the top portion of the window. This also cuts back on allowing strong breezes into the room. The turn function however, creates ample air flow and movement for maximum ventilation.



Color Options



Mahogany



Dark Oak



Walnut



Golden Oak

uPVC DOORS SYSTEMS

Casement Doors

These have hinged sash that swings in or out at an angle of up to 90° allowing for maximum ventilation and visibility



Sliding Doors

Ideal for spaces with a large cavity, where you wouldn't want to or can't have a swinging door. It gives a wide expanse view. These can be made with two tracks, two and half tracks, three tracks or add on track profiles to accommodate multiple door panel movements and mesh panels.

Slide & Fold Doors

This style of door arrangement is designed to give you the flexibility of partial opening or complete uninterrupted spatial view. It also works as a partition. Multiple sashes are joined in a unique slide and fold mechanism. These can be folded in either direction (left or right) and can be stacked at either end. When closed it is extremely secure with multi point locking system.



Lift & Slide Doors

These are extra large panels with glazing to match, which makes them heavy. Recommended for very large window and door cavities for that uninterrupted view and feeling of awesome wide space. Special hardware is used which glides panels back and forth on soft touch rollers, with very little effort.

Color Options



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Dark Oak



Walnut



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INSTALLATION



How to get ready

- The inside as well as the outside walls around the window cavity should be finished in every respect, along with the sill.
- There should be no obstructions on the window sill.
- When all four sides have been sealed and before sealant sets, peel the tape away carefully for a neat finish.
- The width of the window sill should be more than the width of the window frame being ordered.
- Clean up the inside working area and remove all materials, tools and waste and debris.
- Replace any window furnishings that were removed.
- In case grills are being installed they should be fixed in advance, on the outside, for sliders and inward opening windows. For outwards opening windows they will be fixed post the installation of the window.

MAINTENANCE



Keeping it as good as new

The best part about METRO uPVC windows and doors is that once installed they are literally maintenance free. You don't have to ever paint or polish them. They are built to withstand the onslaught of the sun, rain and snow. All they need is a gentle wipe, once in a while, to keep them as good as new.

	PROFILE	GLASS	HARDWARE	GENERAL
Do's	<ul style="list-style-type: none"> ✓ Use soap/mild detergent and water solution to clean profile surface. ✓ Wipe off the soap solution from the surface with clean water & wet cloth. ✓ Clean using clean moist cotton/ muslin cloth (free of loose fiber). 	<ul style="list-style-type: none"> ✓ Use clean water to clean the glass. ✓ Clean the glass using moist cotton / muslin cloth. (free of loose fiber). 	<ul style="list-style-type: none"> ✓ Clean dust on the sliding window/ door track/rollers with soft brush/vacuum cleaner regularly. ✓ Use a dry cloth to wipe off dust/deposit on stainless steel friction hinges. ✓ Lubricate rollers, Espag, hinges at least every six months with Oil after wiping the dust. 	<ul style="list-style-type: none"> ✓ Keep the window drainage slot free from dirt to avoid water collection. ✓ Please follow the handle usage instruction mentioned in the booklet. ✓ Clean mesh with mild soap solution or water whenever required.
Don'ts	<ul style="list-style-type: none"> ✗ Don't use any acid or heavy alkaline based solution to clean the profiles. ✗ Don't keep any kind of flame or hot material close to windows or door profiles ✗ Don't use sharp objects like screwdriver, knife, scrapper etc. to remove dust / paint/ cement etc ✗ Don't use any buffing or foil on the window. ✗ Don't use any type of paint/varnish/ thinner/ coating on the profile. 	<ul style="list-style-type: none"> ✗ Don't use synthetic fiber cloth for cleaning ✗ Don't use dry paper. ✗ Don't use sharp objects like screwdriver, knife, and scrapper to remove dust / deposit from glass. 	<ul style="list-style-type: none"> ✗ Don't use sharp objects like screwdriver, knife, and scrapper to remove dust from sliding window track. ✗ Don't use any acid, cleaner or heavy alkaline based solution to clean the hardware. ✗ Don't use cooking oil to lubricate parts. 	

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