



CHINIWALAS
Pvt.Ltd.



A revolution in window technology



Windows are meant to experience the many moments of life... you bathe in the warmth of serenity of the warm sun, you listen to the chimes of the wind. You give in to your own solitude.

Enter Oriel, the lifestyle windows which will revolutionise the 'window experience'. Oriel creates windows using innovative, artistic & latest technologies. An Oriel window with its high standard of aesthetics will be a prize possession for you.

Oriel Lifestyle Windows in collaboration with LG Hausys has made use of their research driven expertise & technical experience to create genuine products.

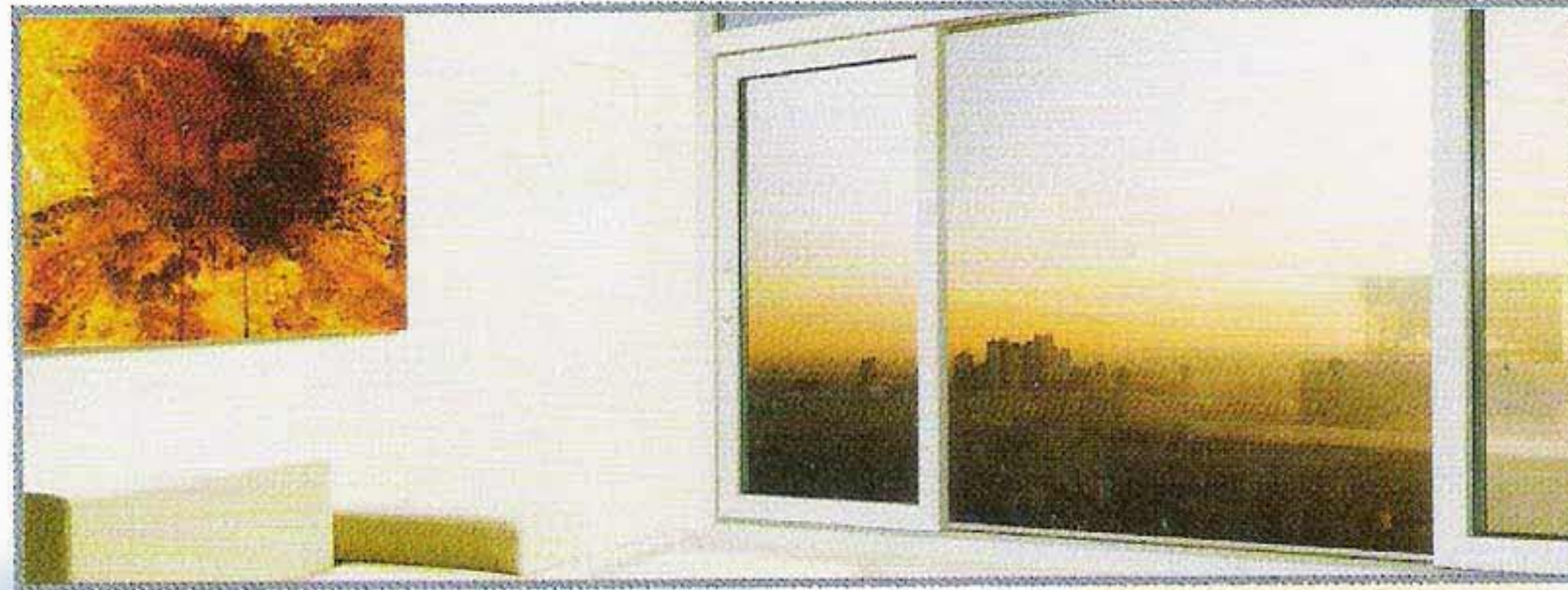
“WINDOWS THAT OPEN UP TO A NEW LIFESTYLE“

Our Product Family

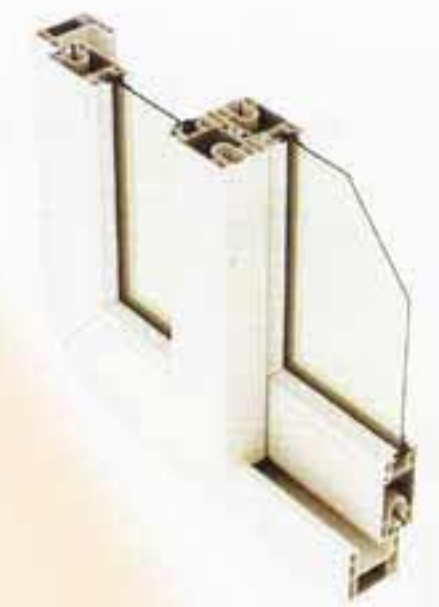
SLIDING WINDOW
60mm



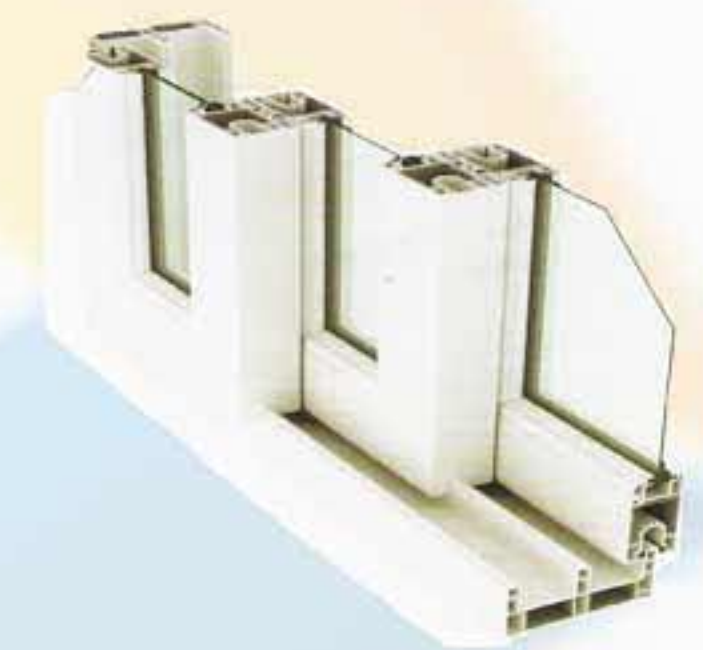
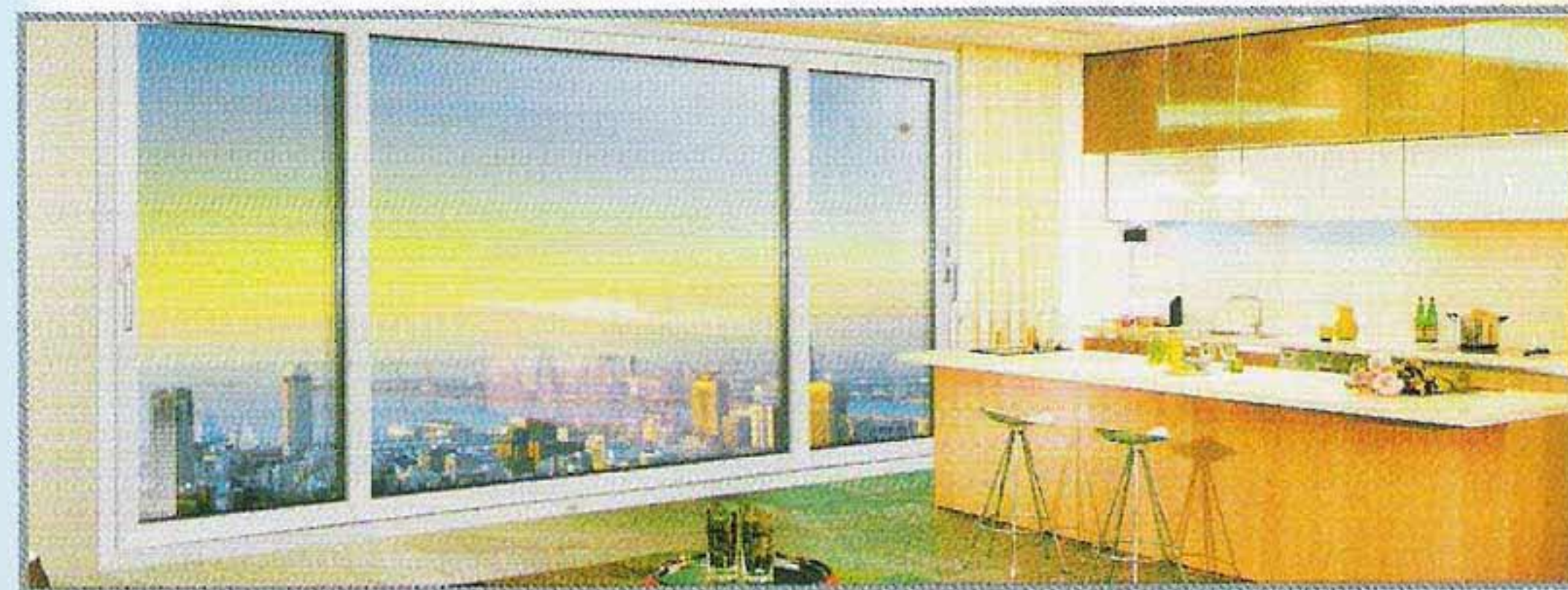
SLIDING WINDOW
(F-S System)
88mm



SLIDING WINDOW
68mm



SLIDING WINDOW
(3 Tracks)
124mm



CASEMENT WINDOW
BF-60



Application | Residential A.P.T and Villa
Glass | 5mm - 32mm

TURNING DOOR
BF-60D



Water tightness

Even smallest amount of water can cause tremendous damage to flooring, wall and furniture etc.... Oriel window does not fail of water breakage throughout joint parts where most of aluminum window faces due to high-standardized fusion welding and specially designed stair type structure.



Wind load

There is close correlation between wind load and safety because most of the claims and defects root in breakage of windows by using of low quality window. Therefore, while choosing window manufacture, it is strongly recommend to verify the supplier's technical capability, history and reputation to secure the safety.



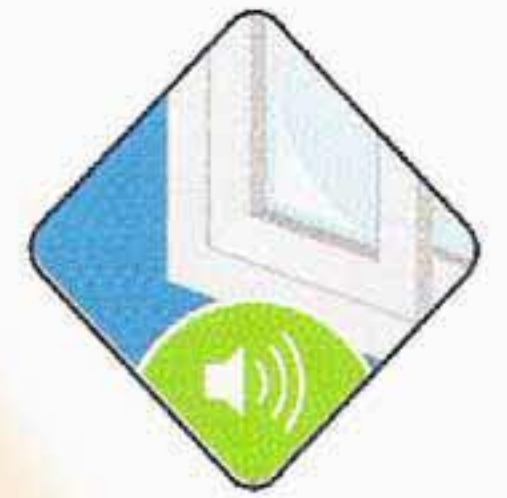
Smooth Opening and Closing

Coefficient of friction between roller and track rails are the key factor to operate how much smoothly user can slide. Therefore, window manufacture should have the full capability of hardware and accessories development not only as well as profile. Moreover PVC solid track rail gives another remarkable benefit because the PVC material has unique features of self-lubricating.



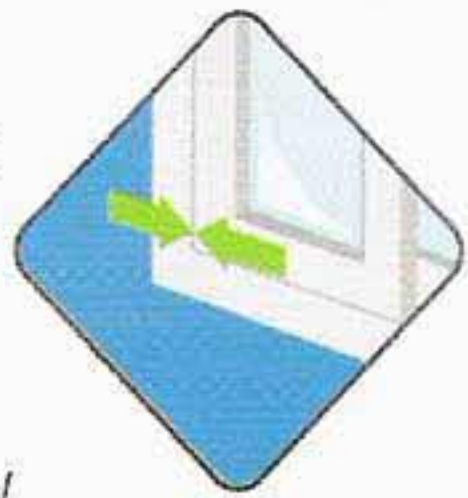
Sound insulation

Majority of sound insulation property depends upon glass thickness and type; however the importance of materials can not be passed over. Thus drawing capability and fabrication quality in fusion welding parts should be well considered.



Air tightness

While gauging the certain amount of air through a unit area in a unit hour, superiority of air tightness is able to be measured. Oriel window has a superior air tightness property owing to a low coefficient of permeability comparing to other materials.



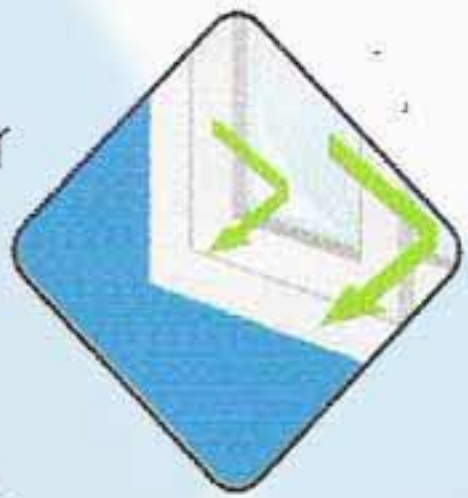
Anti-Chemical Property (Anti-weather ability)

Special additives were added to prevent aging or discoloration so that the product may be safely used for a longer period of time. In particular, Oriel products are highly resistant to ocean wind containing salinity or ozone, coal gas, acid or alkali.



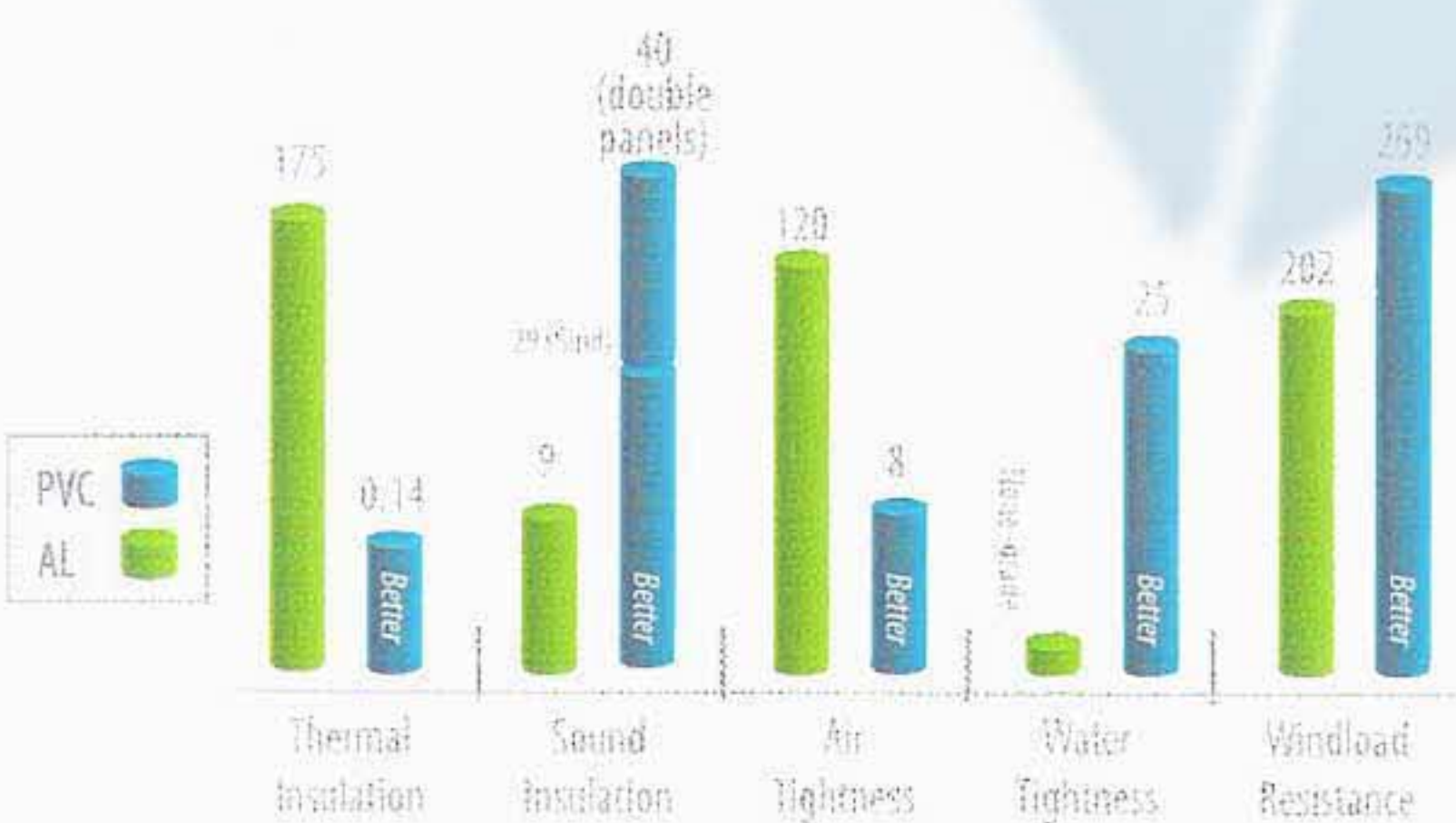
Thermal insulation

The PVC material itself is poor conductors of heat or cold comparing to ordinary metal window (1/1,250) Thus PVC window will increase thermal efficiency so that cuts the electric bills dramatically. This is why we call it as "Energy saving eco-friendly products"



Aluminum Window v/s PVC

Performance	Unit	Material		Conclusion
		AL	PVC	
Thermal Insulation	Kcal/	175	0.14	The lower is The Better
Sound Insulation	dB	9	29(sind) 40(double panels)	The higher is The Better
Airtightness	Grade	120	8	The lower is The Better
Water Tightness	Pa	None-grade	25	The higher is The Better
Windload Resistance	Kgf/cm ²	202	259	The higher is The Better



*Source: LG Hausys Research & Development Center

What makes an Oriel Window so special...

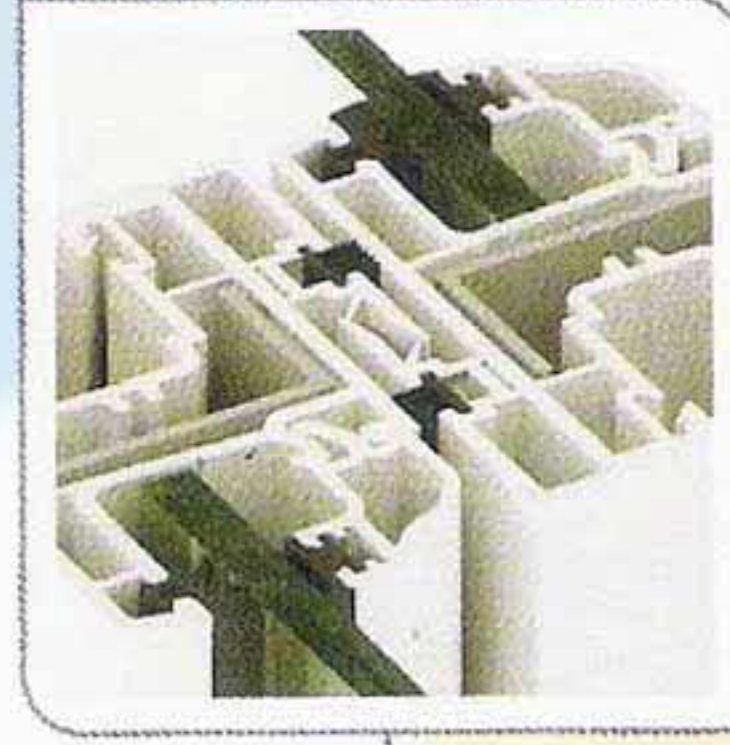
One-Touch Stopper.



Enhanced productivity by adapting EPDM gasket integrated glazing bead.

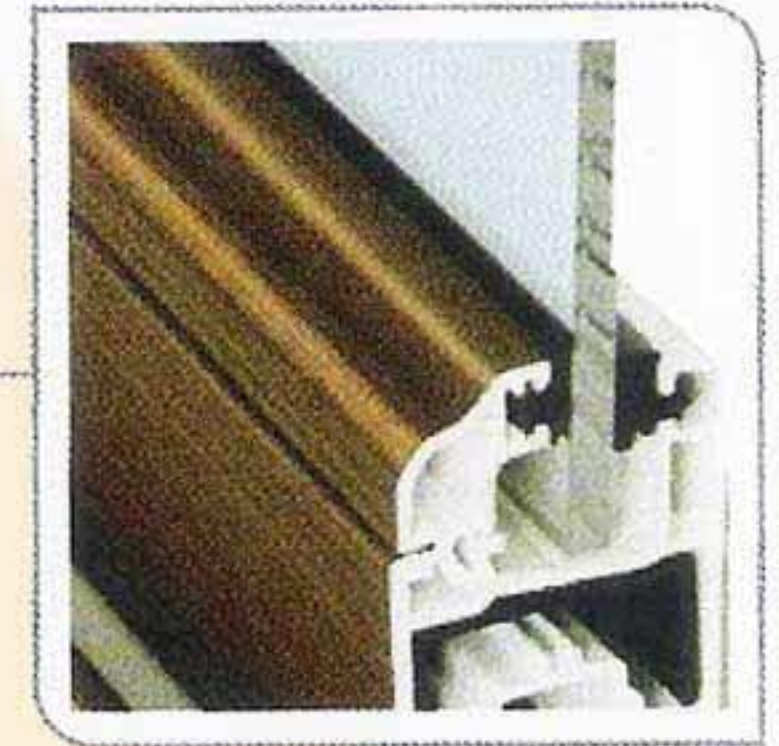


Minimizing an inflow of dust by double sealed interlocking parts.

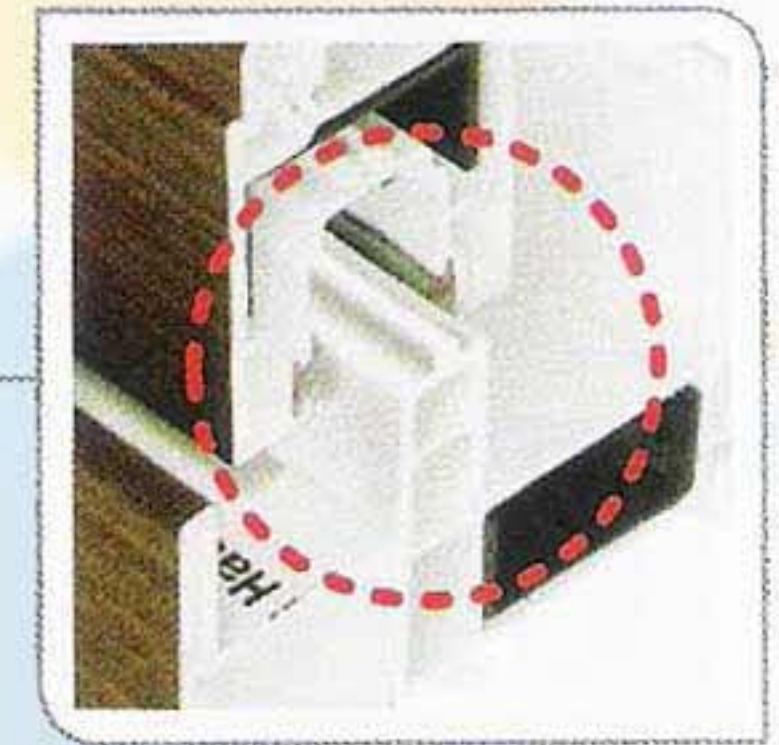


Top and Bottom overlapping dimension

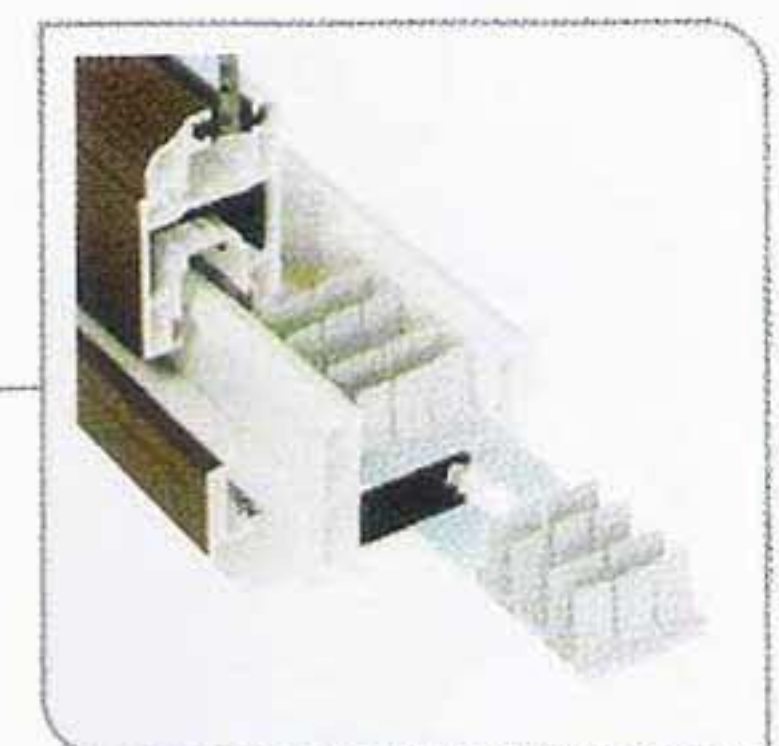
ORIEL		Overlapping Dimension
	Others	Less than 8mm
ORIEL	60mm	10mm
	77mm	12mm
	85mm	12mm



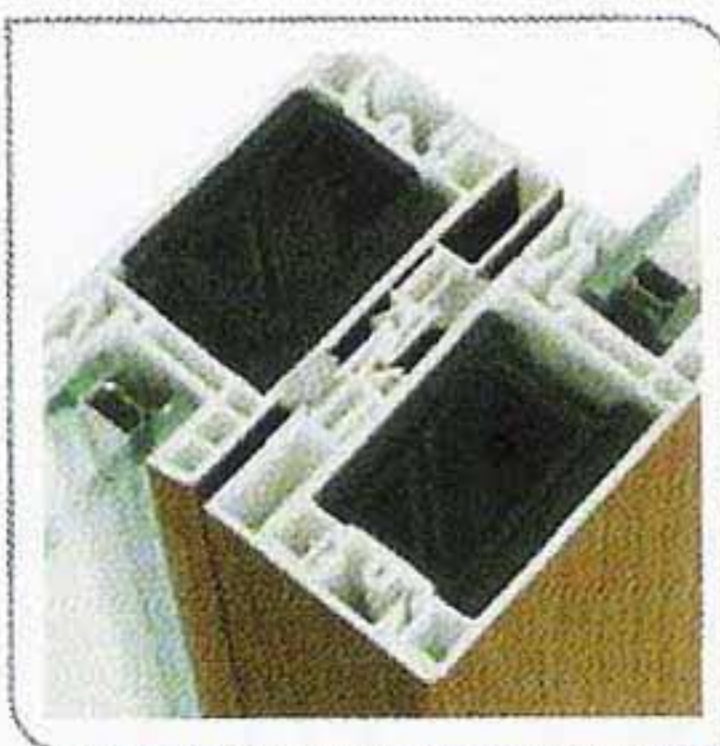
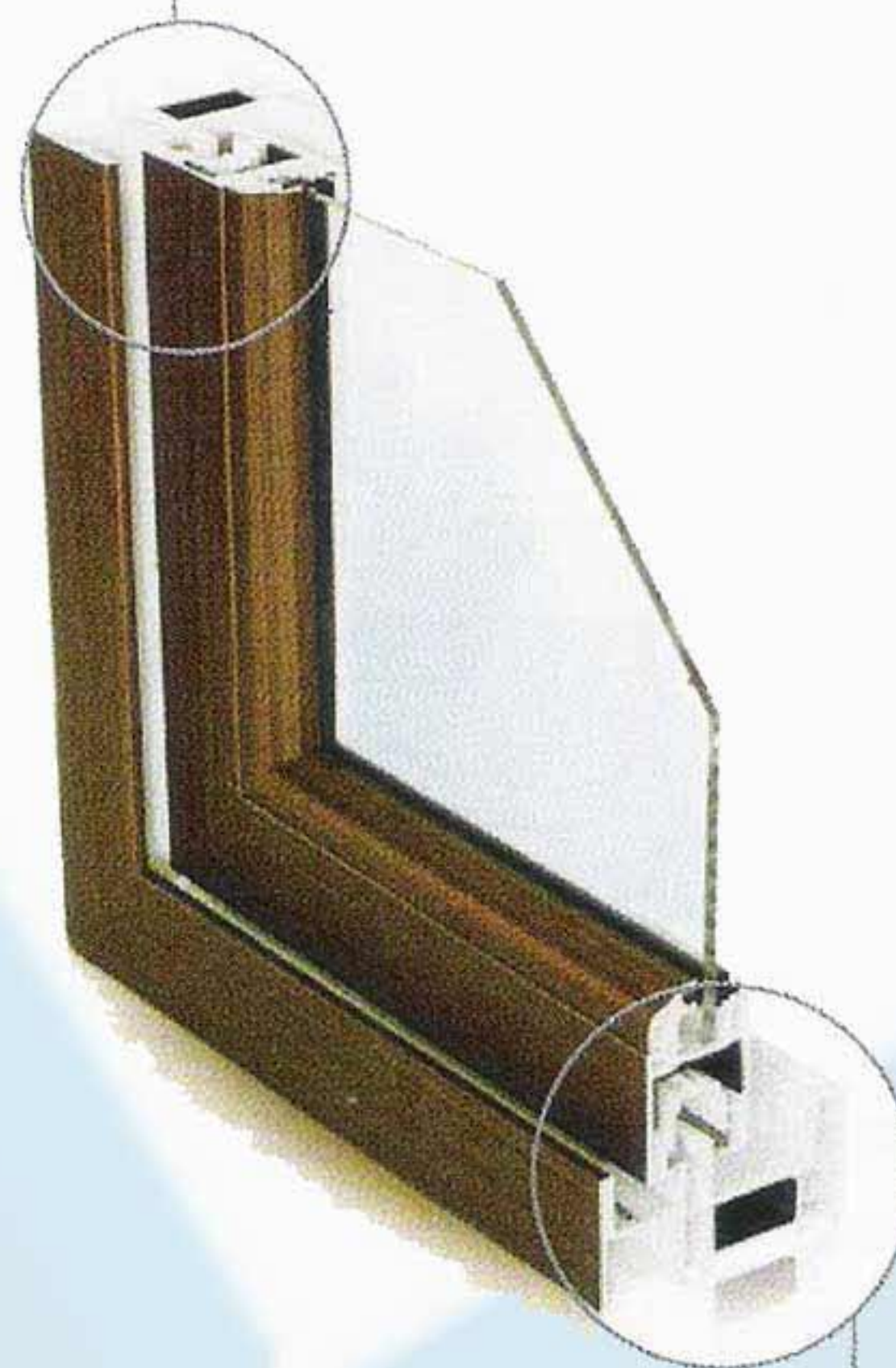
Aesthetic appearance with decorative Glazing Bead.



Silky opening by solid PVC track rail.



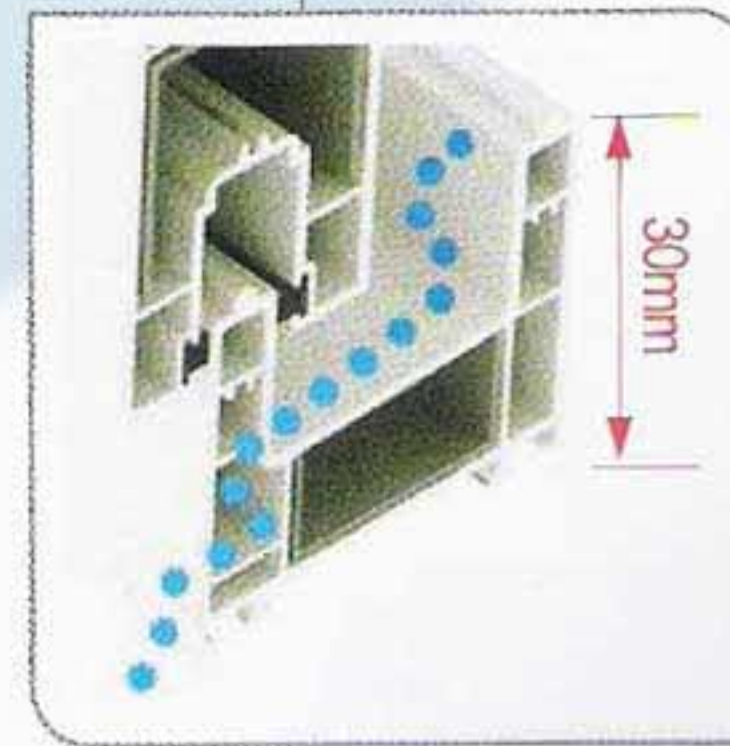
Preventing water leakage led by mal-screwing from adopting new clip-on system in bottom frame.



Structurally enhanced panel (option)



Enhanced structural strength by Hetero-profile welding.



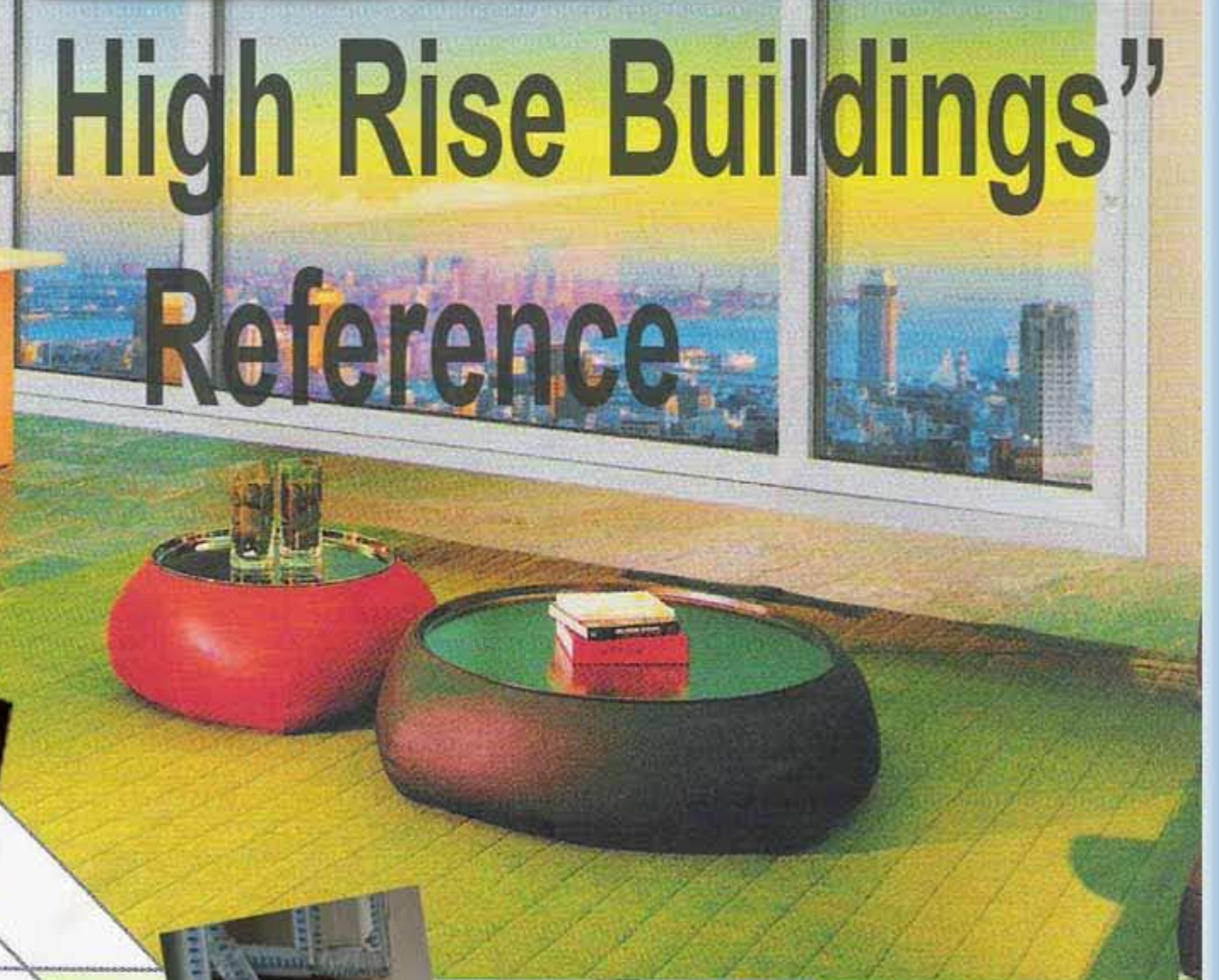
Enhanced water tightness with raised track rail system (30mm) & stair type structure.



“WINDOWS THAT OPEN UP TO A NEW LIFESTYLE,”



“ORIEL High Rise Buildings” Reference



Technical partners with  LG Hausys

Top of the line product range

Chiniwals Pvt. Ltd. caters to each and every need, in all areas of aluminium fabrication: esp. aluminum flush doors, windows, partitions, walkable ceilings, aluminum composite panel cladding, structural / curtain glazing, spider glazing, double insulated glass, laminated glass and patch glazing units.

Our impressive run is the hard toil, dignified business ethics and extremely diligent people management work culture, spearheaded by the indomitable Chiniwalas.

Glazing

- Structural / Curtain Glazing.
- Spider Glazing.
- Curtain Wall.
- Tempered Glass Planner System

Cladding

- Composite Panel Cladding.
- Composite Panel Wall Cladding.

Aluminium Partition / Doors

Aluminium Partition / Doors / Windows

False Ceiling

Laminated Safety Glass

Insulated Glass

Colour Anodising

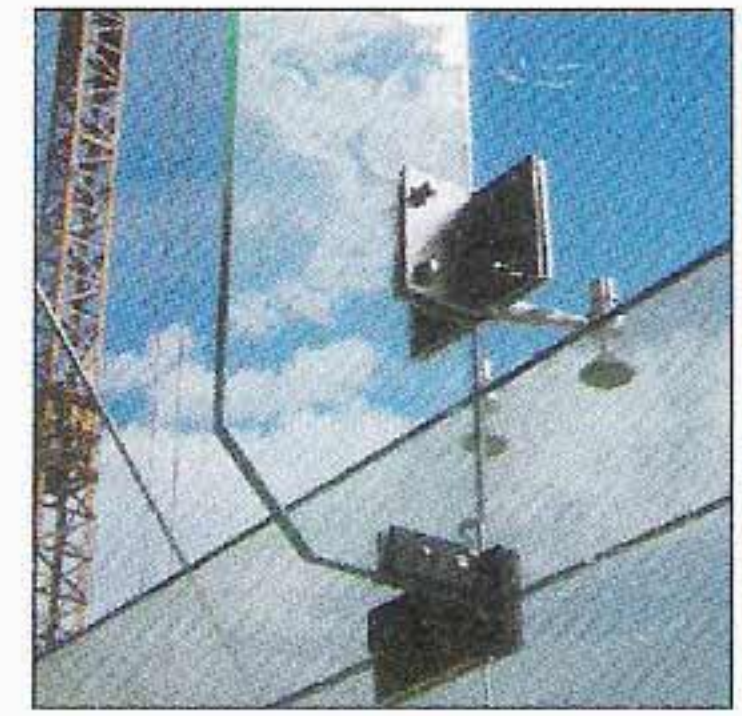
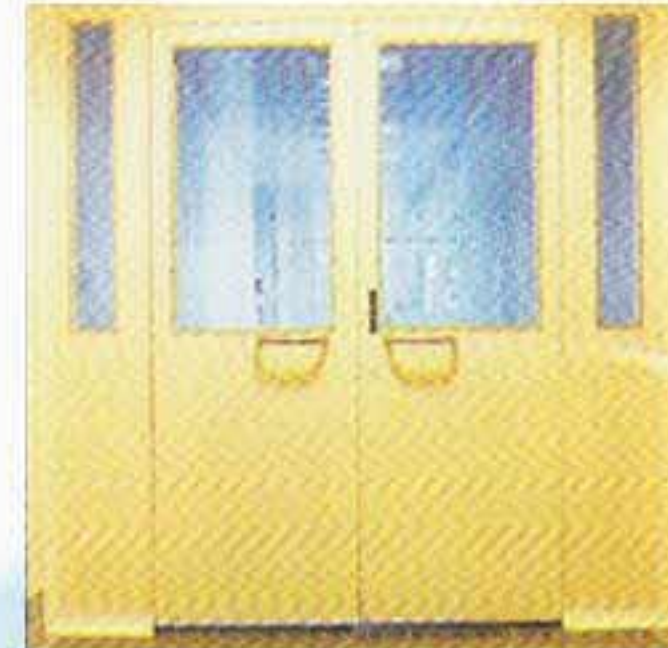
Hard Anodizing

Powder Coating & PVDF

Canopies

Design & Manufacturing Services

- Flush Doors in Aluminium, Stainless Steel & GI Powder / PVDF Coated
- Flush Windows
- Walkable Ceilings.
- Flush Partitions.
- Wall Paneling.



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