

IMAGINATION

the preferred aluminium, upvc and glass



*The preferred
aluminium
upvc & glass*



Corporate Values

Imagination Aluminium Works is Rajasthan's leading Aluminium, Glass and UPVC fabricator. Also provide services for Spider Fitting, Glazing, Door & Windows A.C.P. and Frame Less works. The company was established and founded by Mr. Shailendra Khandelwal in year 2007. The organisation has its workshop located in the prominent industrial area of Jaipur city. The plant is fully equipped with the best manufacturing equipments.

Since the establishment of the company it has done innovative activities in the field of research, development and production of aluminium products with high quality and aesthetics. The company offers a wide range of Facade System, Spider Glaze and Aluminium Products such as Aluminium Doors, Windows, Partitions, Aluminium Railings etc.

Today, with 10 years of experience, company has evolved to an integrated vertical aluminium industry focusing on developing, producing and marketing branded aluminium system for every architectural use. Our company works with a vision of developing new insights and driving tangible results through a combination of innovation, business know-how and cost effectiveness.

Our goal is to serve efficiently, the market requirements pursuing high quality and service credibility with a great respect towards the natural and social environment. To accomplish our goal, we build mutually rewarding relationships with our customers, associates, business partners and the community. We are committed to innovative growth through our personal passion, reinforced by a professional mindset, creating value for all those we touch.





Core Values

- Maintain integrity at all times
- Satisfy internal and external customers
- Facilitate all-round excellence
- Promotion of quality
- Continuously innovate and create
- Explore growth opportunities in new technologies
- Constantly focus on cost reduction

Services We Provide

Customer Relationship

The first and foremost service in any business organisation is to serve the client, that's what we do. Our priority is to serve customer by building a strong customer relationship. Providing services tailored to specific projects and typical requirements, of customers are our main motive. We believe in creating sincere relationship with our customer promoting trust with mutual benefit as a result. Work with dignity and respect towards all social groups.

Design & Engineering Services

With a team of well qualified and experienced professionals, we provide full system design, engineering and production drawings for all sorts of buildings and architectural work. Some specific services provided by Imagination Aluminium works are:

- Conceptual design development
- Tender document review summary
- Structural review and design of new die profiles with full selection properties according to the project requirement.

Value Engineering

- Full project engineering support
- Site inspection
- Fabrication
- Production drawing
- Material quantities take off
- Investigation and identification of current potential problems
- Recommendations for remedial corrective measures



Products

- **Aluminium Doors**
Doors of variety like entrance doors, aluminium panels, folding doors, security doors, sliding doors.
- **Aluminium Windows**
Sliding window systems, Casement window system with basic requirements like air infiltration and water penetration.
- **Spider Fitting**
Spider fitting done on basis of structural requirement, layout and elevation details, providing best fittings in class.
- **Spider Glazing**
Spider Glazing (semi unitized system & capped curtain wall glazing system).
- **Frameless Work**
System designs formatted to assure larger adaptability to various requirements.
- **Aluminium Railings by European Technology.**
- **Aluminium Composite Panel / HPL Cladding .**
- **Shop Front / Frameless Glazing**
- **Facade System**
- **Our in House Anodizing & Chromodizing**



OUR SERVICES INCLUDE



STRUCTURAL GLAZING

Structural Glazing is a brilliant & cost effective solution for contemporary glass design. Our company works with different types of glazing techniques:

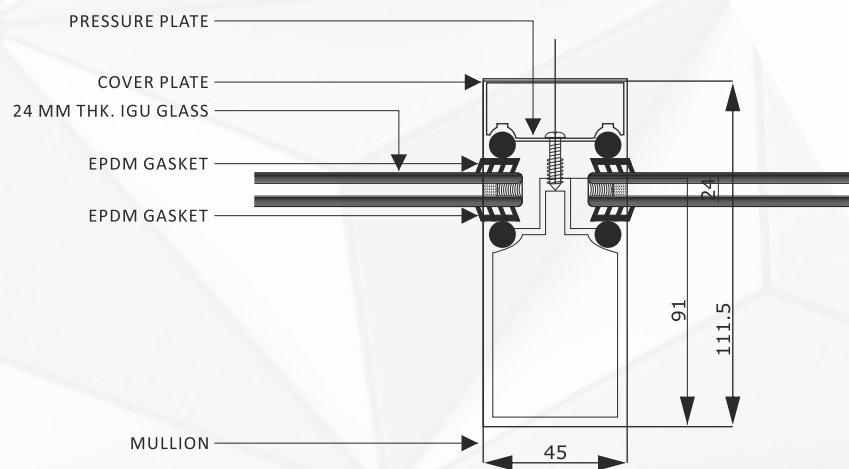
- Conventional system or capped curtain wall glazing.
- Semi unitized system or open Groove and closed groove system.
- Spider glazing system.

System reliability based on in-house factory production with specialised tooling and cutting machinery and installation taken care by trained qualified team members to ensure end user performance expectation are met with.

CAPPED CURTAIN WALL GLAZING

This is a conventional system of structural glazing consisting of glass that is bonded or anchored back to a structure without the use of continuously gasketed aluminium pressure plates or caps. This system is meant for construction of stick walls with capping.

CAPPED CURTAIN WALL



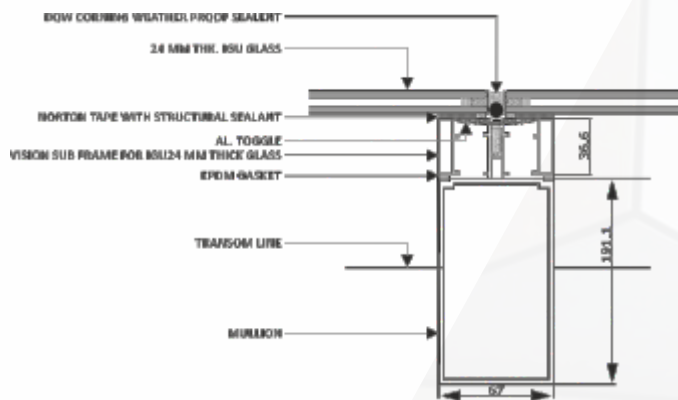
SEMI UNITISED STRUCTURAL GLAZING

A Semi Unitized glazing system is a type of a curtain wall which has combined aluminium mullion components of Curtain wall and Unitized Glazing. Its basic structural principle is to fabricate other curtain wall components with the exception of main keels, to assembly them into unitized panel, and then to deliver them to construction site for purpose of being fixed on main keels. Compared with regular structural member type glass curtain wall, semi unitized curtain wall has many predominant advantages in terms of bunch production, accuracy degree and quality for fabrication and installation, and repair and maintenance and after sales support.

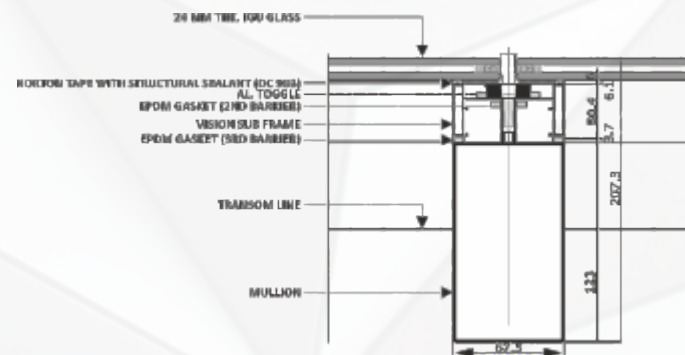
Features of Glass Facade

- Acts as Thermal Insulator.
- Controls solar radiations.
- Provides better safety and security.
- Acts as a fire resistant.

CLOSED GROOVE



OPEN GROOVE



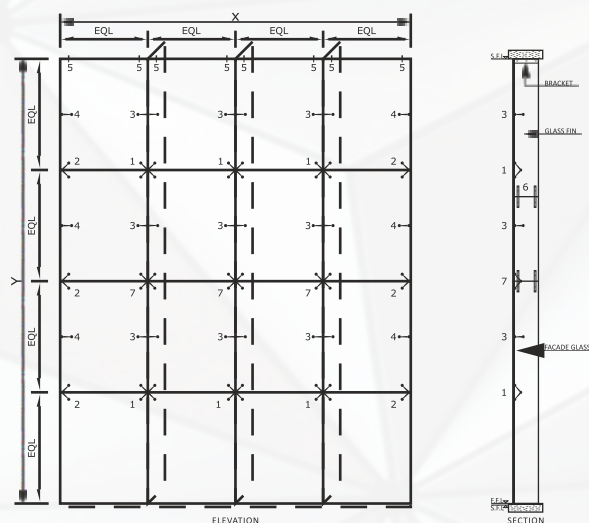
SPIDER GLAZING

Structural glazing systems, in their simplest form, are types of curtain wall systems consisting of glass that is bonded or anchored back to a structure without the use of continuously gasketed aluminium pressure plates or caps. The glass can be comprised of monolithic, laminated, dual-glazed or even triple-glazed insulating glass units (IGUs). The back-up structure may use horizontal and/or vertical aluminium mullions or be a glass mullion, steel blade, cable or stainless steel rod. The interior and exterior may use extruded silicone/EPDM gaskets, or a wet sealed silicone depending on the system. This system creates a completely clean, flush exterior.

Structurally glazed systems create a greater transparency than traditional captured systems. Sheets of toughened glass are assembled with special bolts and brackets and supported by a secondary structure, to create a near transparent façade or roof with flush external surface. There are less visual interruptions due to the lack of metal on the exterior creating a seamless, continuous glass look. Also there is less thermal bridging with structural glazing, saving on energy consumption costs.

Our company provides finest quality spider fittings, manufactured with high quality stainless steel. We provide variety of spider fittings manufactured with high quality standards. These fittings provide safety from air and water infiltration, also provide sound reduction.

Every spider fitting is customised as per the building specification and requirements of our clients.



MOCK UP ELEVATION

NO.	FITTINGS DESCRIPTION	
1	PFF G2 - 4 POINT FACADE GLASS BRACKET	
2	PFF G2 - 2 POINT FACADE WALL BRACKET	
3	PFF G1 - 2 POINT FACADE GLASS BRACKET	
4	PFF G1 - 1 POINT FACADE WALL BRACKET	
5	PFF GT RIGHT/ LEFT - 1 POINT FACADE CEILING BRACKET	
6	PFF 400 - SPLICE PLATE	
7	PFF 400 G2 - SPLICE PLATE	
8	GLASS PREPARATION FOR BOLTS	



FRAME LESS GLAZING

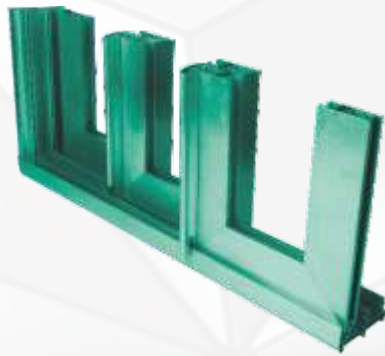
Our extensive product and service proposition covers any frameless glass system in both domestic and commercial application. It varies from frameless shower panels and pool fences, stairwells to movable walls and commercial door entries. Frameless glass facades are also made for single height glass partitions with pivoted glass doors by using stainless steel patch fittings. Benefits of frameless glazing is that it provides optimum lights, also it gives an unobstructed view, gives a neat finish to the building construction, it creates frameless views to your external environment with absolutely no frame or fixing on show.



ARTE SLIDING WINDOW SYSTEM SL 28 / SL 35

System SL 28/35 was developed considering the parameters of tropical climatic conditions and fulfilling the basic requirements of weather protection i.e. air infiltration and water penetration for the end user. The systems are based on International Standards and comply with the said specification.

Project based certification for all products used in the system and the overall system certification can be provided on request.



FEATURES

System profiles are designed considering specified wind loads based on window layout, elevation details & location parameters to ensure structural performance requirements are taken care of based on IS tropical codes. System designed for performance parameters on requirements of :

- Water penetration control (200 - 250 Pascal).

- Air permeability control (200 - 250 Pascal).

- Structural stability performance of windows for high wind pressure (1.5 kpa to 3.5 kpa).

System designs formatted to ensure larger adaptability to varied cladding requirements based on thermal and acoustic performances cladding adaptability range from 5 mm to 24 mm.

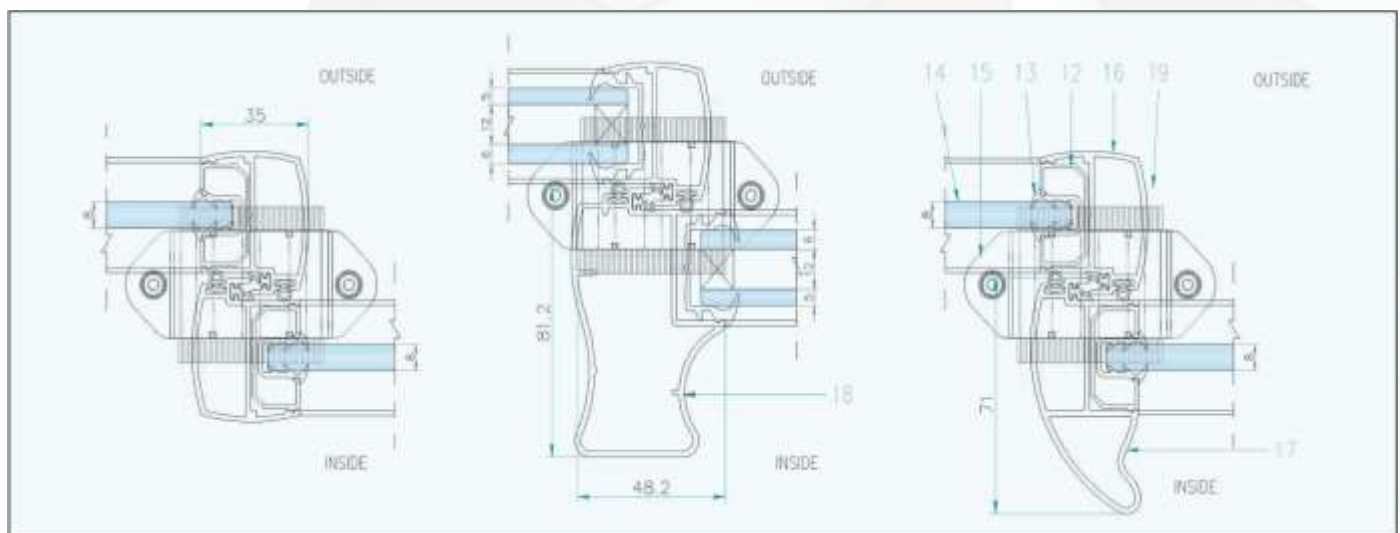
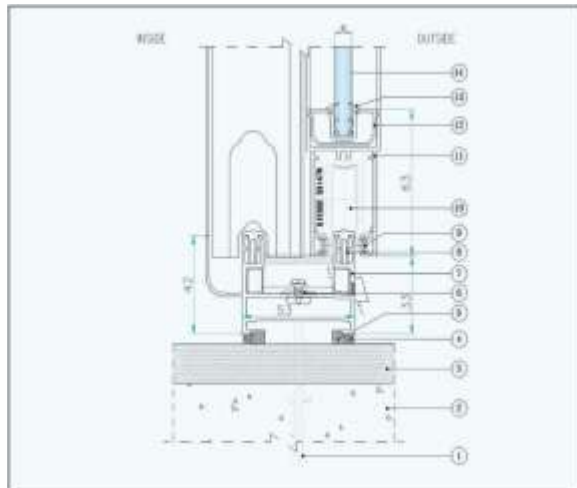
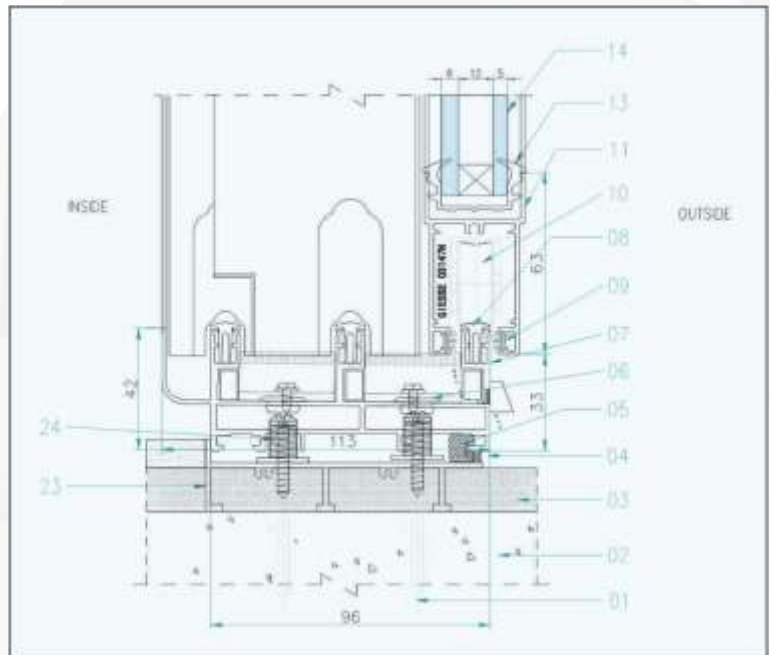
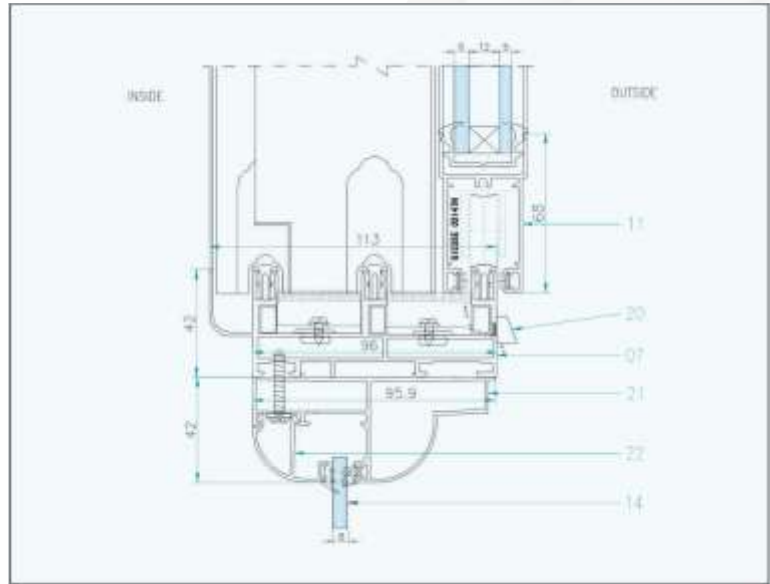
System reliability based on in-house factory production with specialised tooling and cutting machinery and installation taken care by trained qualified team members to ensure end user performance expectations are met with.



SECTION DETAILS SL 35

DESCRIPTION:

- 01 - #8X60 LG. SS WOODEN SCREW
- 02 - RCC / BRICK WORK
- 03 - MARBLE
- 04 - WEATHER SILICON
- 05 - EXPANDABLE PU FORM
- 06 - HOLE CAP
- 07 - OUTER TRACK FRAME
- 08 - RAIL SECTION
- 09 - DUSTING PAD WOOL PILE
- 10 - ADJUSTABLE PULLEY
- 11 - SHUTTER FRAME
- 12 - SINGLE GLASS ADAPTOR
- 13 - EPDM GASKET
- 14 - GLASS
- 15 - DUSTING PAD
- 16 - SMALL INTERLOCK
- 17 - BIG INTERLOCK
- 18 - JUMBO INTERLOCK
- 19 - ANTILIFT CAP
- 20 - DRAINAGE CAP
- 21 - OUTER FRAME
- 22 - OUTER BEADING
- 23 - AC OUTER FRAME
- 24 - AC OUTER BEADING



ARTE CASEMENT WINDOW SYSTEM C 32/52/60 & C THERMAL

Casement system was developed considering the parameters of tropical climatic conditions and fulfilling the basic requirements of weather protection i. e. air infiltration and water penetration for the end user. The systems are based on international standards and comply with the said specification.

Project based certification for all products used in the system and the overall system certification can be provided on request.



FEATURES

System profiles are designed considering specified wind loads based on window layout, elevation details & location parameters to ensure structural performance requirements are taken care of based on IS tropical codes. System designed for performance parameters on requirements of :

Water penetration control (300-600 Pascal).

Air permeability control (300-600 Pascal).

Structural stability performance of windows for high wind pressure (1.5 kpa to 3.5 kpa).

System designs formatted to ensure larger adaptability to varied cladding requirements based on thermal and acoustic performances cladding adaptability range from 5 mm to 39 mm.

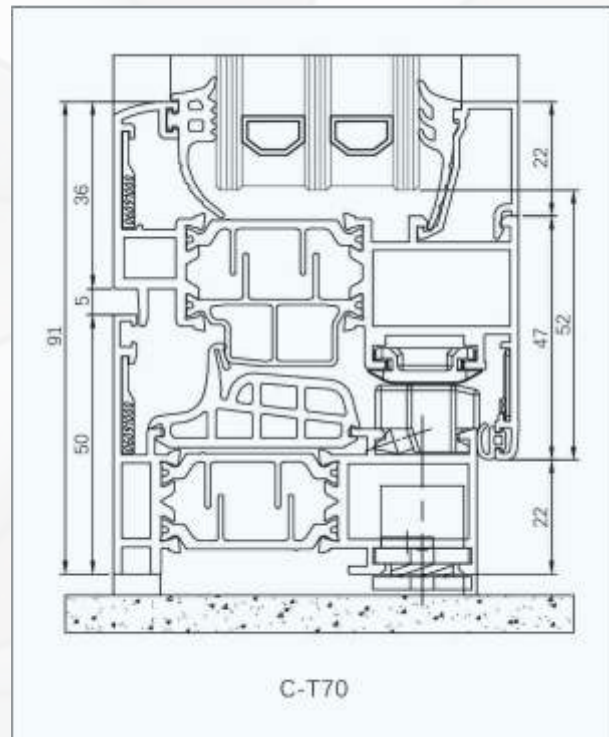
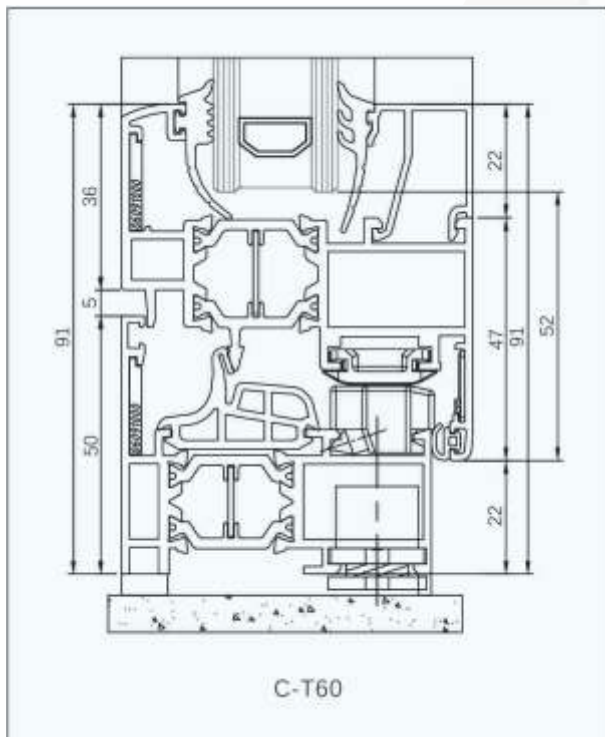
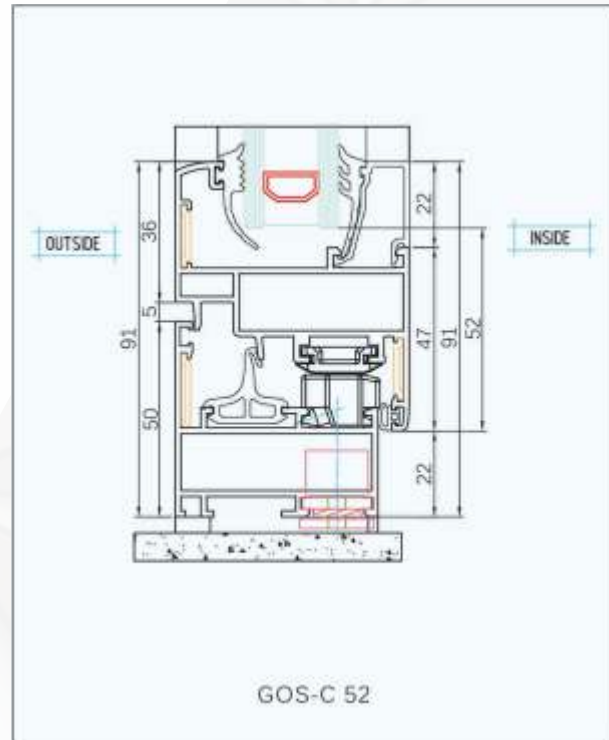
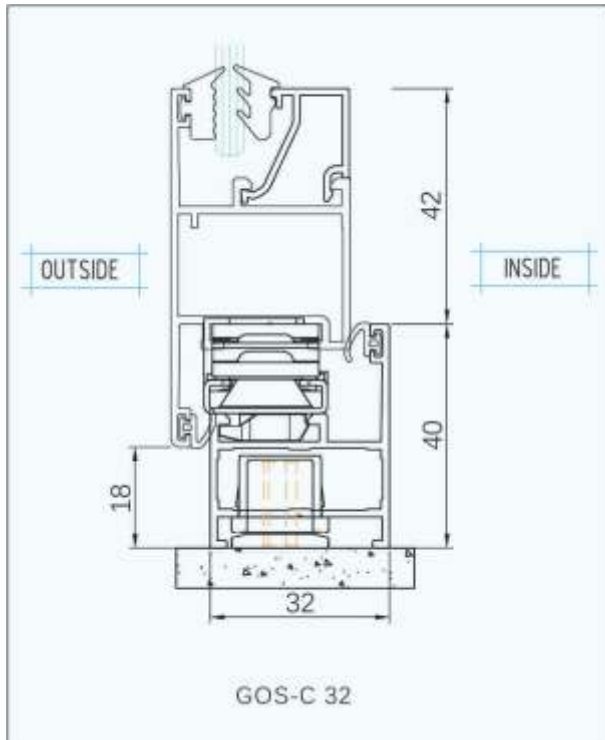
System reliability based on in - house factory production with specialised tooling and cutting machinery and installation taken care by trained qualified team members to ensure end user performance expectations are met with.

Acoustic Insulation: Cold profiles ensure 30db sound reduction based on system design & high quality EPDM gaskets. Specialised application thermal break profiles & specified cladding details can ensure acoustic insulation up to 48db.

High security cladding and locking options available for specific requirements.

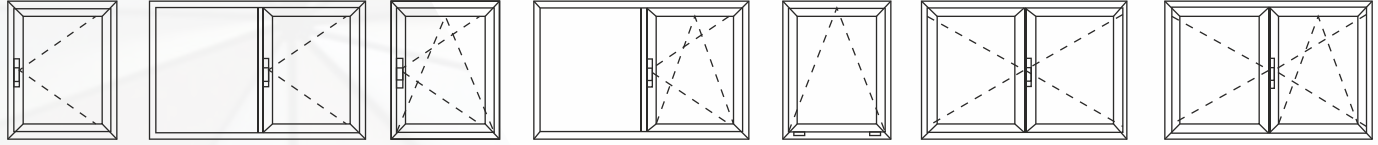


SECTION DETAILS



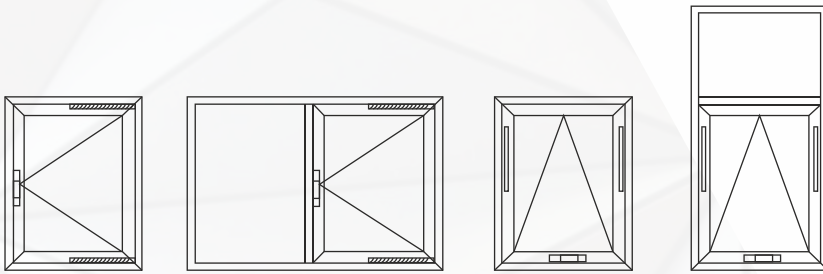
LAYOUT POSSIBILITIES

TYPE ONE: INWARD-Tilt & Turn, Inward, Bottom Hung



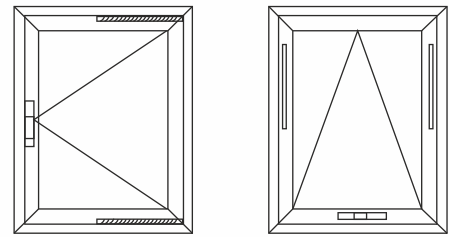
Single Inward Side Fixed + Inward Tilt & Turn Fixed + Tilt & Turn Bottom Hung (invisible jamb) Double Inward (invisible jamb) Inward + Tilt & Turn (invisible jamb)

TYPE TWO: OUTWARD



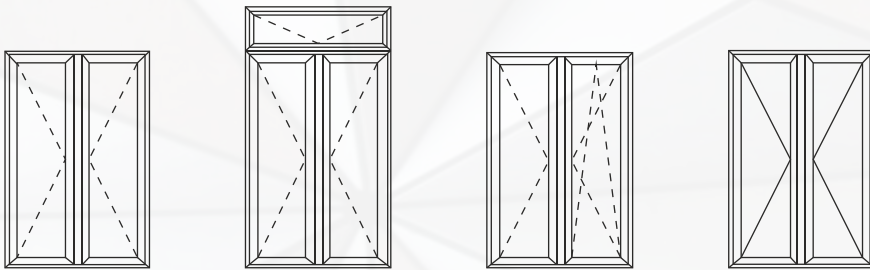
Single Outward Side Fixed + Outward Single Top Hung Upper Fixed + Top Hung

TYPE THREE: OS OUTWARD



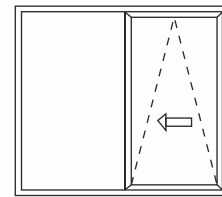
OS Outward OS Top Hung

TYPE FOUR: BALCONY DOOR (small frame, low sill included)



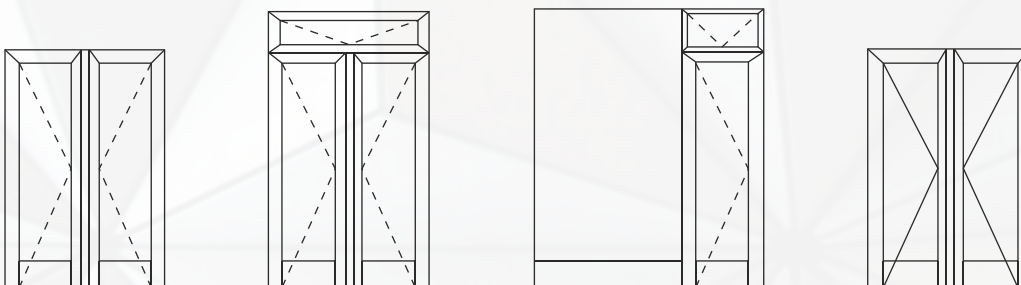
Double Inward Bottom Hung Inward + Tilt & Turn Double Outward

TYPE FIVE: TILT & SLIDE DOOR

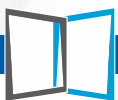


Tilt & Slide

TYPE SIX: ENTRANCE DOOR (big frame, no sill included)



Double Inward Bottom Hung + Double Inward Side Fixed + Bottom Hung + Inward Double Outward



FULFILLING YOUR NEEDS



TILT AND TURN WINDOW



TOP HUNG WINDOW



SLIDE AND FOLD WINDOW



CASEMENT WINDOW INSIDE OPENABLE



PIVOTED WINDOW



LOUVERED WINDOW



CASEMENT WINDOW
OUTSIDE OPENABLE



BOW WINDOW



SLIDING WINDOW



BAY WINDOW



WINDOWS WITH IN BUILT
AUTOMATIC LOUVERS



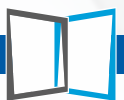
TILT AND SLIDE WINDOW



POWDER COATED / PVDF

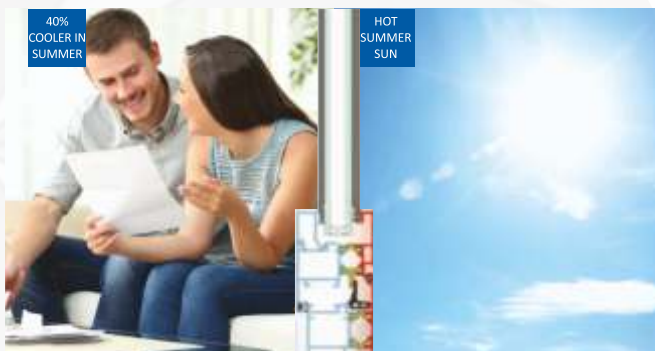


WOOD COATED



WINDOWS ATMOSPHERIC PERFORMANCE

Windows provide light, fresh air and a view to our great outdoors, but they are a major source of unwanted heat in summer and heat loss in winter. Our energy efficient windows reduce the transfer of unwanted heat in summer and heat loss in winter. ARTE systems have the highest standard of sealing possible, to ensure effective solutions for water penetration and air and noise infiltration.



ARTE SYSTEM SUPPORT

ARTE systems are indigenous designed systems wherein all products are designed as per end user requirements, by experienced qualified team members and procured from international suppliers, providing best of product quality and are experienced for decades in delivering products and services as per required norms and standards.



PARTNERS & ASSOCIATES





JAIPUR TEXTILE MARKET MANGLAM BUILDERS



FUN SQUARE MALL, UDAIPUR



GORDHAN SKY, JAIPUR



JAIPUR ELECTRONIC MARKET, JAIPUR



CENTER PLAZA, JAIPUR



MANGLAM PLAZA, BHILWARA



DGU GLAZZING 40,000 Sq. Ft.



SIGNATURE CORPORATE TOWER, JAIPUR



AROMA, JAIPUR



MAHIMA NIRWANA, JAIPUR



DREAM AVENUE, JAIPUR



MANGLAM RESIDENCY, JHUNJHUNU



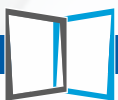
MANGLAM TARANG, JAIPUR



SNEHAM, BEWAR



ARG ROYAL ENSIGN, ALWAR





THE GRAND RESIDENCY, JAIPUR



UMA AANGAN, JAIPUR



RANGOLI GREENS, JAIPUR



AANANDA THE COMPLETE CITY, JAIPUR



RUNNING

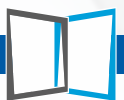
ARG ONE, JAIPUR



NAMAN RESIDENCY, JAIPUR



ARG SILVER SPRING, JAIPUR





HCG HOSPITAL, JAIPUR



CITY VILLA, ALWAR



SCIENCE PARK, JAIPUR



JAIPUR MAHANAGAR TIMES





SHREE OM BHAGWATI, JAIPUR



PROMINENCE, JAIPUR



BHUDEV RESIDENCY, JAIPUR



AANGAN

AANGAN RESIDENCY, JAIPUR



CASA AMORA, GOA



DATA CENTER, JAIPUR



KANAK RESIDENCY, JAIPUR



BEND GLASS ROOM





MAPLE WOODS, JAIPUR



MANGLAM RESORT AND SPA, JAIPUR



AANGAN PRIME VILLA, JAIPUR



SUPARSHWA GARDEN CITY, JAIPUR



AANGAN THE VILLAS, JAIPUR

OTHER PROJECTS

MES UDAIPUR
MES MATHURA

MES SISNAL, PATEL NAGAR
MES CHILDREN SCHOOL, KOTA
TIJARA GOVERNMENT, HOSPITAL

MODI FARM & RESORT, JAIPUR
HEAVENS GARDEN, JAIPUR
HEAVEN GRECIA, BAPU NAGAR, JAIPUR
URBAN CO-OPERATIVE BANK LTD.
SIDHAM HOSPITAL, JAIPUR



PRESTIGIOUS CLIENTS



STRENGTH & FACILITY



DOUBLE HEAD CUTTER



SINGLE HEAD CUTTER AUTOMATIC



PUNCHING MACHINE



END MILLING MACHINE



COPY ROUTER MACHINE



OUR IN HOUSE ANODIZING & CHROMODIZING



STRENGTH & FACILITY



GLAZING BEAD MACHINE



TWO HEAD WELDING MACHINE



V - CUT MACHINE



OUR IN HOUSE ANODIZING & CHROMODIZING



CRADEL MACHINE FOR MATERIAL LIFTING AND FOR FACADE SYSTEM



WORKS

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