

CYNOSURE

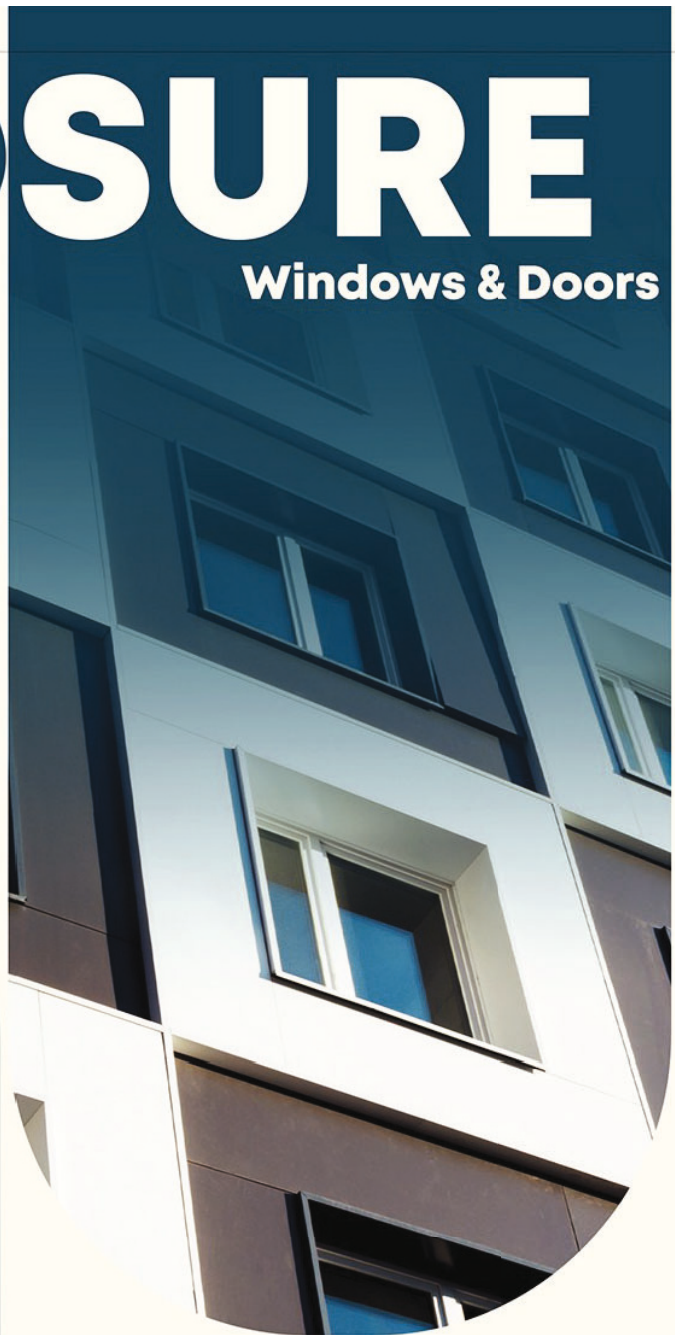
Windows & Doors



Assre Plasto stands proud with prestigious certifications from ISO, Shriram, SGS, and CIPET, ensuring world-class quality, durability, and safety in every UPVC profile we manufacture. These recognitions are a testimony to our commitment towards delivering innovative, reliable, and globally trusted solutions for homes and projects across India



Toll Free-1800-833-0056



At Assre Plasto, we craft world-class UPVC windows and doors that blend strength, durability, and timeless elegance. With advanced technology and precision engineering, we deliver products designed to withstand every season while enhancing modern living spaces. Trusted by builders, architects, and homeowners across India, our profiles ensure superior performance, energy efficiency, and unmatched style. Innovation and quality – are at the heart of everything we do – because your home deserves nothing less than the best



www.cynosurewindow.com



**A better world is possible tomorrow
We are working to be..**

At Cynosure, we believe that sustainability is not just about reducing our carbon footprint — it is about taking a balanced approach that includes environmental, social, and economic responsibilities.

With this belief, we carry out our operations across all areas of our business while staying committed to a sustainable future.

We adopt a working model that respects the environment, supports long-term progress, and serves the future of both our nation and the planet.

Every investment we make and every product we manufacture is aligned with our sustainability-driven strategy — so that together, we can build a better tomorrow.



With consistent growth since its inception, Assre Plasto has emerged as one of the promising manufacturers of uPVC solutions in India. Headquartered in Malda, West Bengal, the company specializes in high-quality uPVC profiles, windows, and door systems, designed for durability, aesthetics, and energy efficiency.

Assre Plasto operates with a state-of-the-art production unit equipped with advanced machinery and stringent quality control processes. With a focus on both residential and commercial markets, we serve diverse sectors including:

- Construction
- Real Estate Projects
- Institutional Buildings
- Retail Showrooms
- Hospitality Sector
- Interior & Architectural Applications

To ensure fast, solution-oriented service, Assre Plasto has developed a strong network of channel partners, dealers, and fabricators across All India.

With the expansion of our brand 'Cynosure', dedicated exclusively to profile dealerships, we are further strengthening our logistics and service capabilities. Our mission is to deliver world-class uPVC solutions that combine performance, style, and sustainability, powering the infrastructure of tomorrow.



Why Cynosure?



Good Mechanical Strength

The abrasion resistance, lightness and good mechanical strength and toughness of uPVC profiles used in the production of windows and doors provide very important technical advantages in its use in building and construction applications.



Fire Resistance

uPVC is naturally difficult to ignite. Its ignition temperature is high, and combustion stops immediately once the heat source is removed. This fire-resistant property makes uPVC particularly suitable for applications such as windows, doors, and surface coatings.



Durability

uPVC is resistant to weathering, chemical rot, corrosion, shock and abrasion. For this reason, it is preferred by customers in products exposed to air and in places where many different longevity is desired.



LCA

The environmental impact of uPVC has been found to be positive when compared to other materials used in the production of window profiles and doors according to LCA (Life Cycle Assessment) analysis.



Energy Efficient

In buildings, 28 percent of energy escapes through the windows. The heat transmittance coefficient of uPVC material is better and a strong insulation material against sound, humidity and similar external effects.



Sustainable

Construction materials such as uPVC window, Door and Profile can be reused at the end of their life. With this feature, uPVC provides significant benefits in terms of environment and economy.

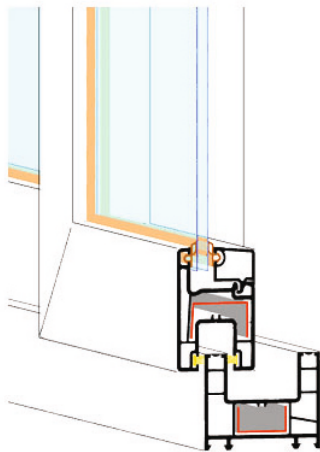


Sliding Window

Smooth operation, sleek design, and space-saving – ideal for modern homes.

Features

Easy glide | Multi-lock | Weather resistant |
Slim profile

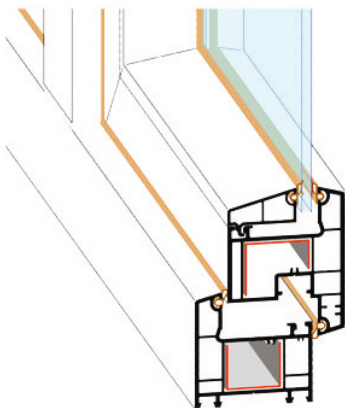


Casement Window

Designed for better ventilation and full openable frames.

Features

Friction hinges | Airtight sealing | Strong locking system



Villa Window

Premium window for independent homes with integrated mesh & grill options.

Features

Security + Style + Ventilation

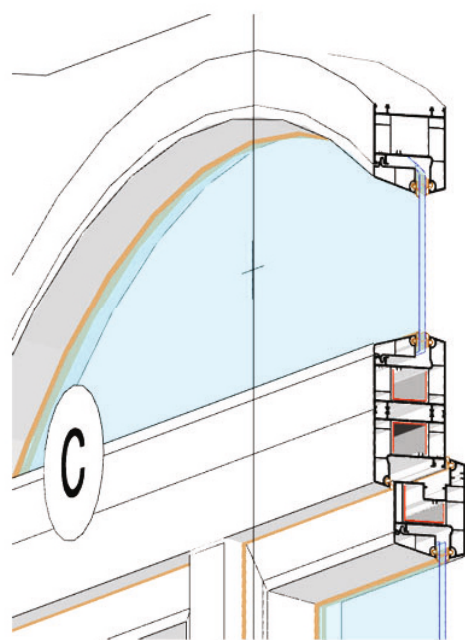


Arch Window

Adds elegance and character with curved architectural appeal.

Features

Custom-made | Architectural beauty | Curve-safe technology



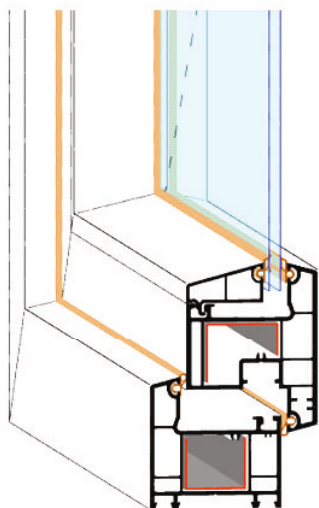


Tilt & Turn Window

Dual-mode operation for ventilation and security.

Features

Tilt mode | Turn mode | 3-in-1 functionality

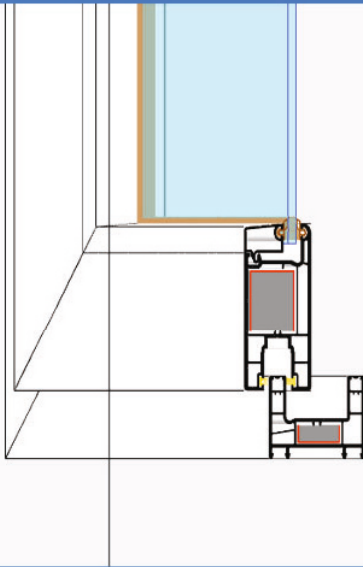


Sliding Door

Ideal for balconies and large openings. Smooth movement with modern look.

Features

Multiple-track options |
Heavy-duty rollers | Toughened
glass compatibility



Casement Door

Classic hinged door with strong profile for main entrances and interiors.

Features

High security | Strong hinges | Elegant finish

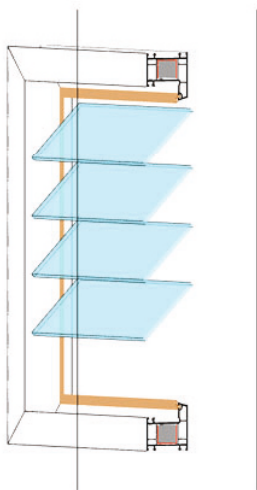


Louver

Best for ventilation-focused areas like toilets, shafts, and kitchens.

Features

Slat width | Opening angle control | Insect mesh optional





DURABILITY



INSULATION



SECURITY



ELEGANCE



CYNOSURE
Windows

FOR EVERY CLIMATE

Cynosure

Color Option



White

Classic luxury look

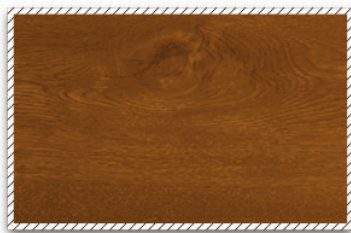
Experience the elegance of natural wood with the durability of uPVC. Golden Oak finish brings warmth and sophistication to your space, making it ideal for both modern villas and traditional homes. A perfect harmony of beauty and performance.



Mahagoni

Classic Heritage Look

Bring timeless elegance to your windows and doors with the Mahagoni finish. Inspired by antique wood textures, this deep reddish-brown tone gives your space a classic and royal aesthetic while maintaining modern performance.



Golden Oak

Natural Charm, Timeless Appeal

Experience the elegance of natural wood with the durability of uPVC. Golden Oak finish brings warmth and sophistication to your space, making it ideal for both modern villas and traditional homes. A perfect harmony of beauty and performance.



Walnut

Deep Luxury, Rich Texture

Add a touch of grandeur with our rich Walnut finish. Known for its deep, bold tones and luxurious wood grain, this color enhances interiors that demand distinction and class. Best suited for premium homes and offices.



Sandy Grey

Modern Elegance, Urban Tone

Perfect for contemporary homes and minimalist design lovers, Sandy Grey offers a smooth and balanced shade that complements glass facades, metal frames, and urban interiors. Understated, yet premium.



Sandy Black

Bold Sophistication

For those who want to make a bold statement, Sandy Black is the perfect choice. Its matte finish and deep tone add contrast and drama to any setting — delivering both strength and style in one powerful package.

All finishes are UV-resistant, long-lasting, and crafted with precision to match your architectural vision

CYNOSURE

DOOR COLLECTION



modern door designs with
a wide range of **styles and finishes**

CYNOSURE

COMBINATION WINDOWS



A woman with dark hair in a bun, wearing a white sweater, is seen from the back, looking out a large white-framed arched window. The window has a semi-circular top and a four-pane grid below. Outside, a lush garden with green trees and purple flowers is visible under a blue sky. The interior wall is a light olive green.

Elegance *Meets* **STRENGTH**

Premium UPVC Windows for Timeless Comfort &
Lasting Durability



CYNOSURE

" CYNOSURE "

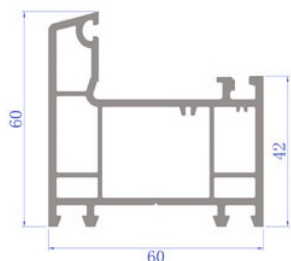
PROFILE RANGE OVERVIEW

CASEMENT PREMIUM SERIES

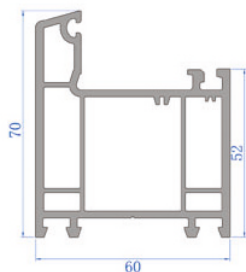
SLIDING ROYAL SERIES {60}

SLIDING PREMIUM SERIES {55}

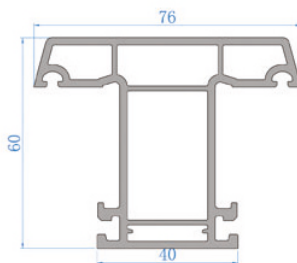
"CYNOSURE " uPVC Profiles, made from globally sourced premium raw materials, are engineered for strength, durability, and all-weather performance. With multi-chamber design, they offer thermal insulation, soundproofing, and UV resistance, making them ideal for Indian conditions. As demand for energy-efficient, low-maintenance windows grows rapidly, CYNOSURE is expanding its presence across West Bengal & India, becoming a trusted choice for builders, architects, and homeowners.



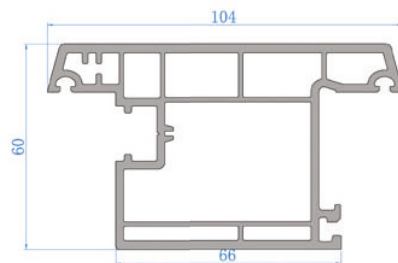
Casement outer Frame 60x60
CSC101



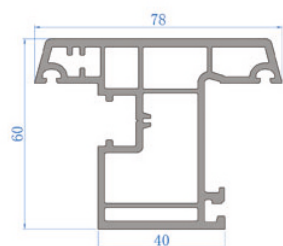
Casement outer Frame 60x70
CSC102



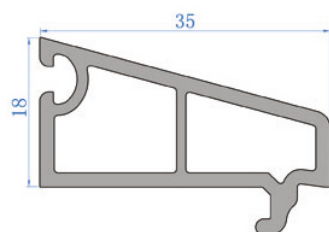
Casement T Mullion 60x76
CSC103



Casement Door sash 60x104
CSC104



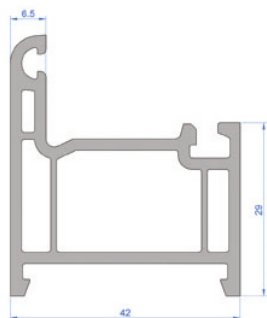
Casement window Sash 60x78
CSC105



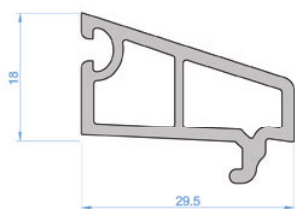
Casement Bead 35x18
CSC106



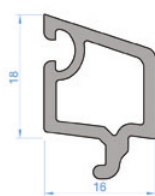
Pannel profile 15x150
CSC107



Casement small frame 42x45
CSC108



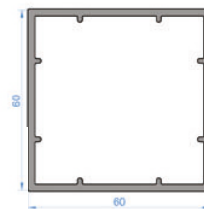
Casement Bead 29.5x18
CSC109



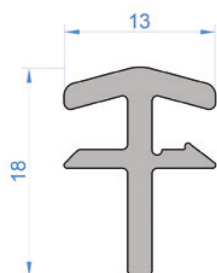
Casement Bead 16x18
CSC110



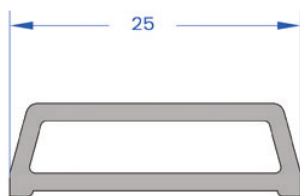
Connector- 2.5 track
casement
CSC111



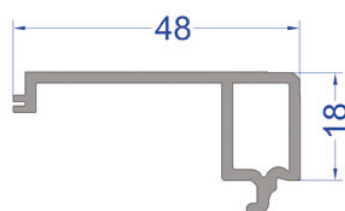
SQ Bay pole 60x60
CSC112



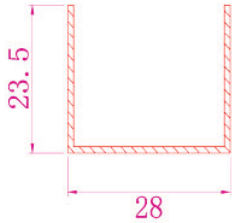
T coupler 13x18
CSC113



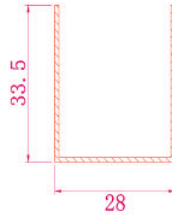
Georgian bar (25x8)
CSC114



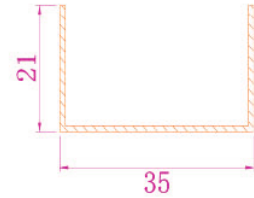
Louver Bead (48x18)
CSC115



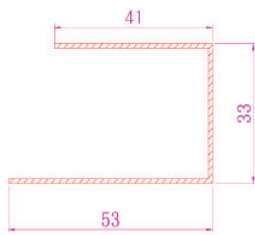
Casement outer Frame 60x60
APSR 101



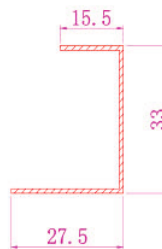
Casement outer Frame 60x70
APSR 101



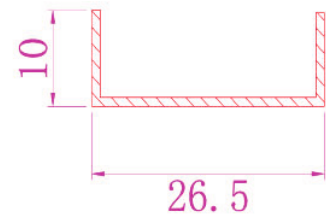
Casement T Mullion 60x76
APSR 103



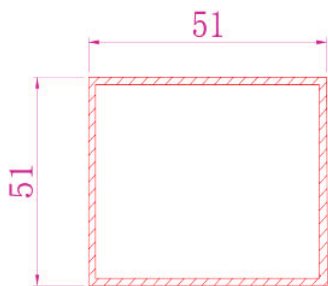
Casement Door sash 60x104
APSR 104



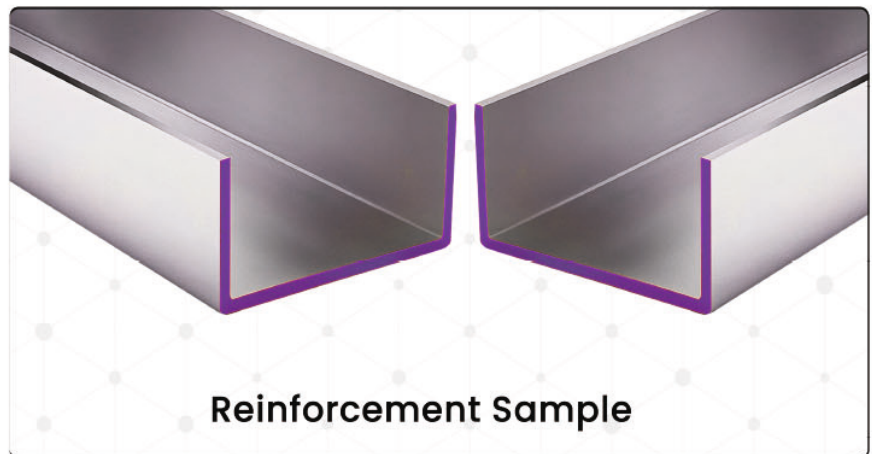
Casement window Sash 60x78
APSR 105



Casement small frame 42x45
APSR 108



SQ Bay pole 60x60
APSR 112



Reinforced uPVC Windows – Benefits

- ✔ **Superior Strength** – Steel reinforcement prevents bending, warping, and ensures long-lasting durability.
- ✔ **Enhanced Security** – Stronger frame structure makes break-ins far more difficult.
- ✔ **Ideal for Large Windows** – Perfect solution for big sliding or casement windows.
- ✔ **Weather & Rust Resistant** – Withstands heat, rain, and humidity without damage.
- ✔ **Low Maintenance & Long Life** – No painting, no corrosion, just lasting performance.

CASEMENT PREMIUM SERIES WINDOWS



1 Panel Casement Window

A Casement 1 Panel Window is a single-sash window that opens outward or inward on side hinges, just like a door. It is operated with a handle and allows full opening of the panel for maximum ventilation.

Key Features & Benefits

Maximum Ventilation	Opens fully to allow fresh air inside.
Easy Operation	Smooth handle-based opening and closing.
Energy Efficient	Provides tight sealing, reducing heat and sound leakage.
Durable & Secure	With multi-point locking for added safety.



Durable & Secure



Energy Efficient



2 Panel Casement Window

A Casement 2 Panel Window consists of two sashes placed side by side, hinged on the outer frames. Both panels can open outward (or inward), allowing wide ventilation and an elegant look.

Key Features & Benefits

Stylish & Balanced Design	Two panels create a symmetrical and premium appearance.
Wide Opening	Both panels can open fully for maximum airflow and natural light.
Flexible Operation	Can be opened partially or fully, as per need.
High Security	Multi-point locking system ensures strong protection.

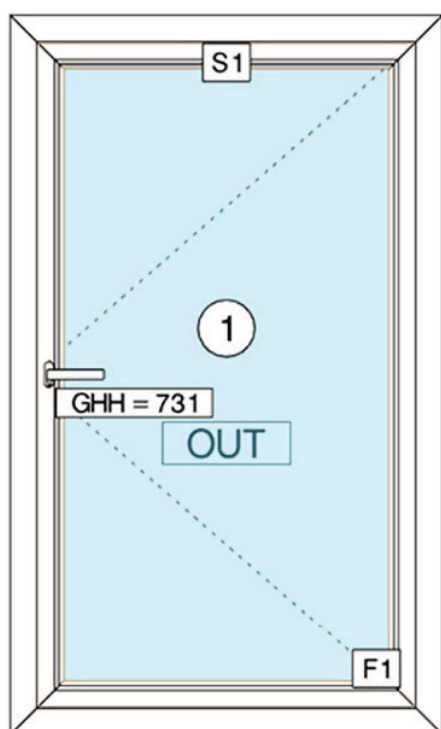


Durable & Secure



Energy Efficient

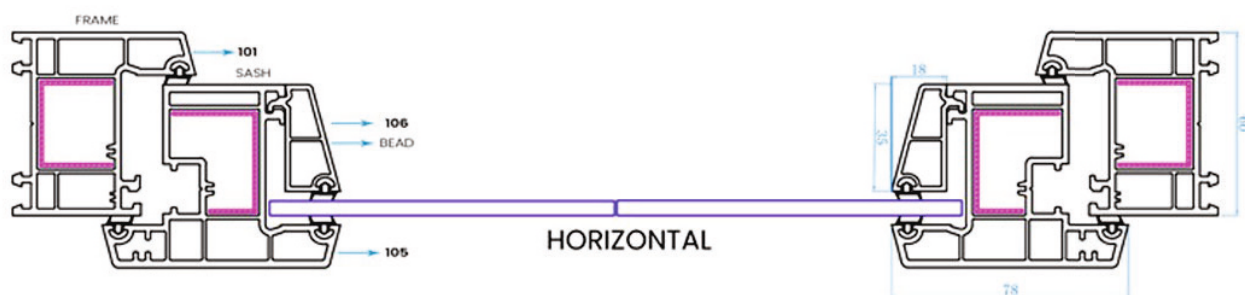
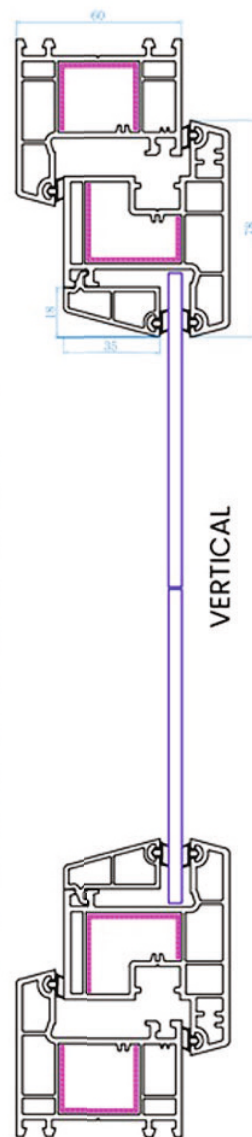
CASEMENT WINDOW ELEVATION AND SECTION DETAILS

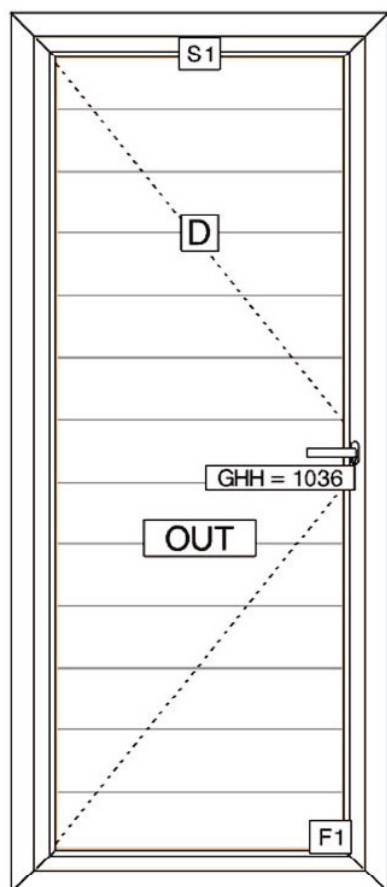


1 PANEL OUTWARD OPENABLE CASEMENT WINDOW

WINDOW SPECIFICATIONS

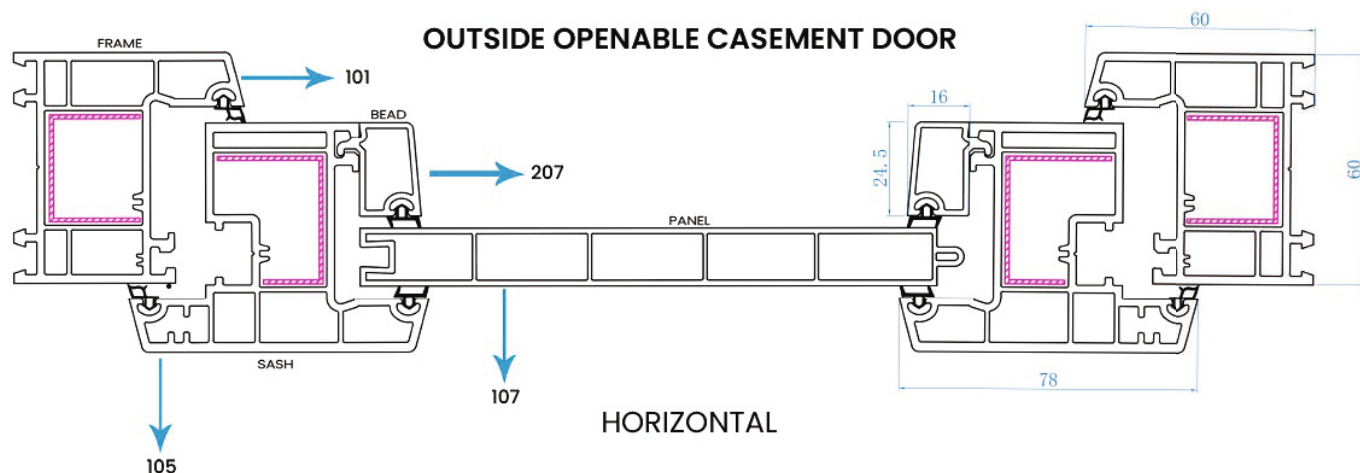
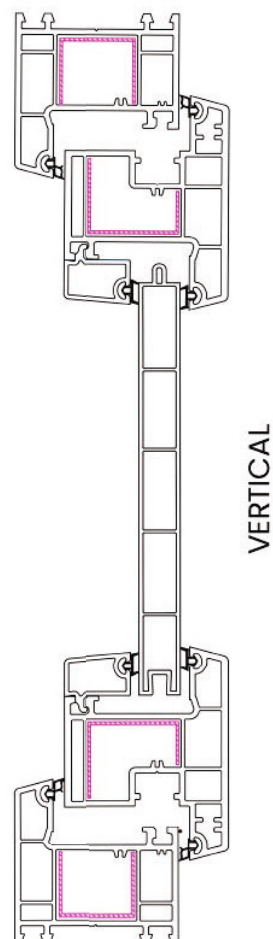
PROFILE COLOR	WHITE
MESH TYPE	NO
CASEMENT SASH	OUTWARD SASH 60MM×78MM
SASH RI	RI-14MM×27MM×33MM×14MM×16MM-1.5MM
OUTER FRAME	CASEMENT OUTER FRAME 60MM × 60MM
FRAME RI	RI-23.5MM × 28MM × 23.5MM - 1MM
LOCKING TYPE	SINGLE-POINT
HANDLE TYPE	S2-COCKSPUR HANDLE LEFT
HANDLE COLOR	WHITE
FRICTION STAY	20"
OPENING DIRECTION	LEFT-HAND

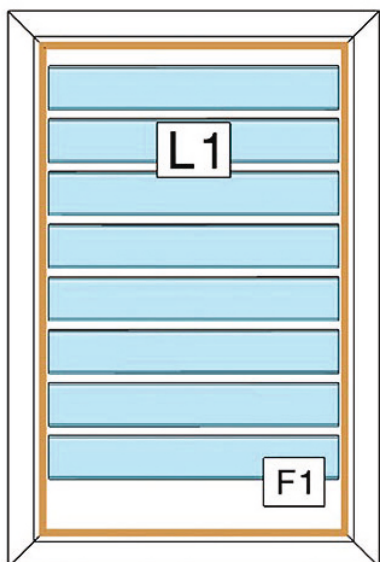




DOOR SPECIFICATIONS

PROFILE COLOR	WHITE
MESH TYPE	NO
CASEMENT SASH	OUTWARD SASH 60MM×78MM
SASH RI	RI-14MM×27MM×33MM×14MM×16MM-1.5MM
OUTER FRAME	CASEMENT OUTER FRAME 60MM × 60MM
FRAME RI	RI-23.5MM × 28MM × 23.5MM - 1MM
LOCKING TYPE	SINGLE-POINT
HANDLE TYPE	S1-COCKSPUR HANDLE
HANDLE COLOR	WHITE
FRICTION STAY	20"
OPENING DIRECTION	RIGHT-HAND
PANEL / GLASS	PANEL

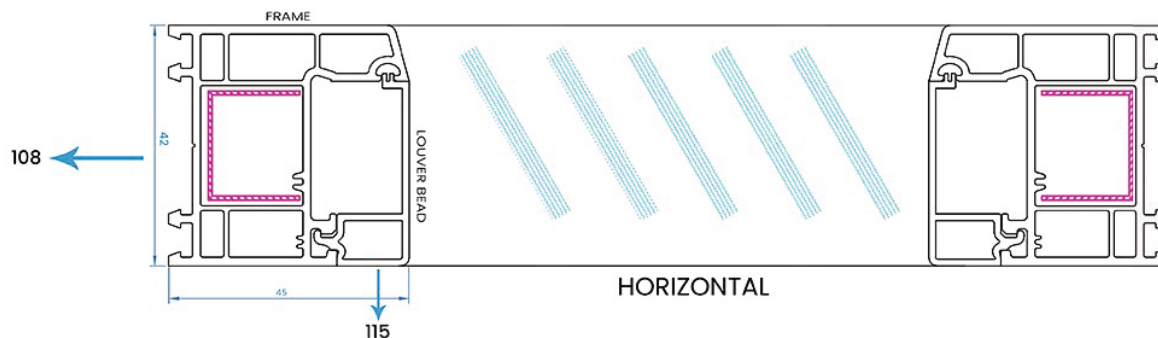
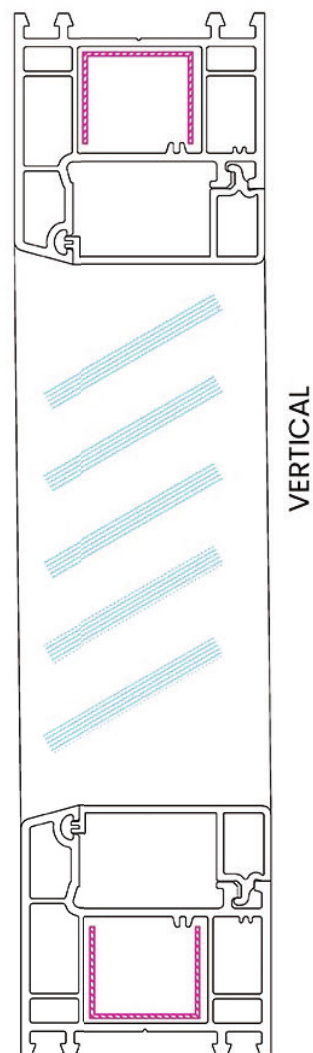




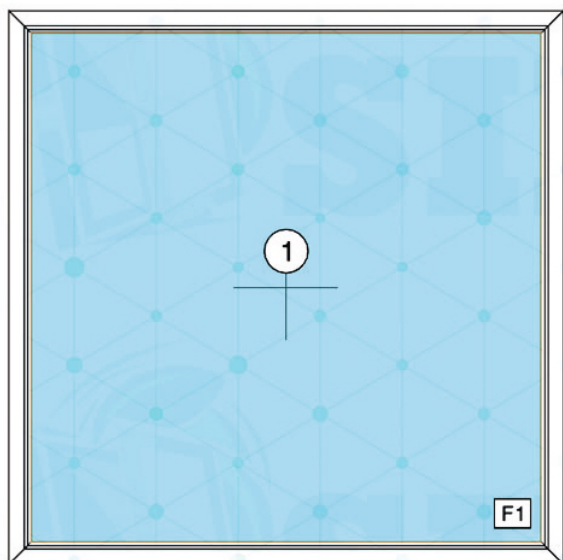
LOUVERS

LOUVERS SPECIFICATIONS

PROFILE COLOR	WHITE
MESH TYPE	NO
CASEMENT FRAME	CASEMENT OUTER FRAME 42MM × 29MM
SASH RI	RI-14MM×27MM×33MM×14MM×16MM-1.5MM



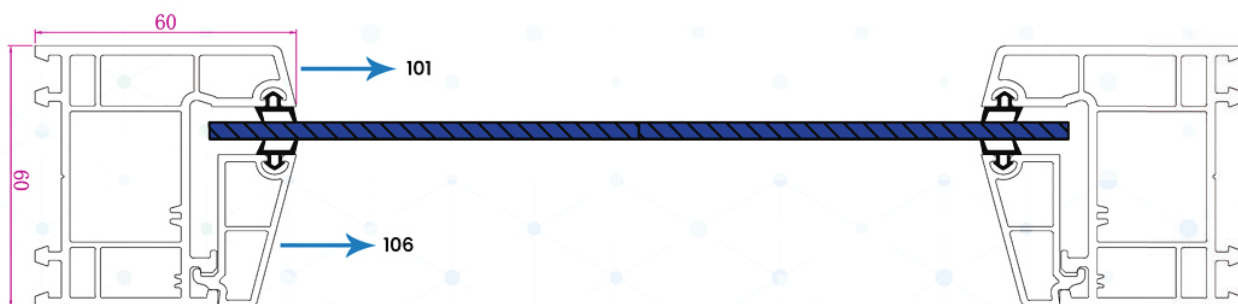
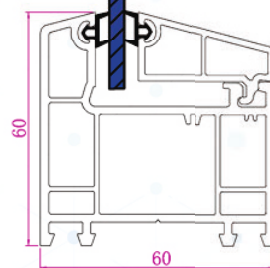
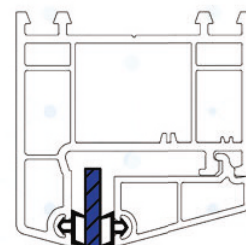
CASEMENT FIXED WINDOW ELEVATION AND SECTION DETAILS

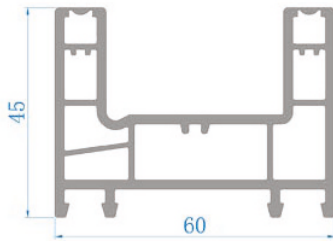


CASEMENT FIXED WINDOW

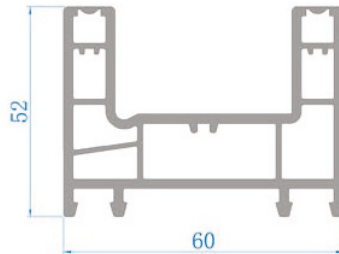
WINDOW SPECIFICATIONS

PROFILE COLOR	WHITE
FRAME	OUTER FRAME 60MM X 60MM
FRAME RI	Ri-23.5Mm X 28Mm X 23.5Mm-1Mm
MESHTYPE	NO

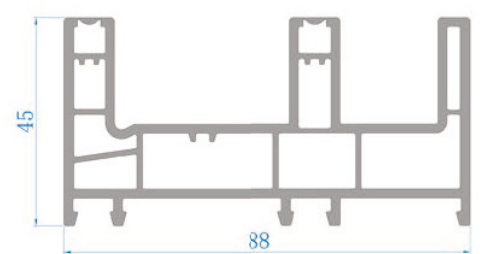




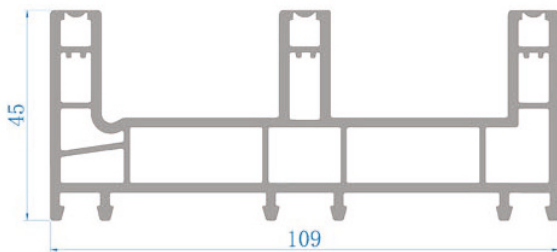
Sliding 2 track outer rame 60x45
CSS201



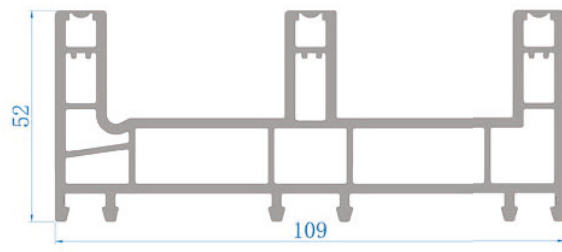
Sliding 2 track outer rame 60x52
CSS201A



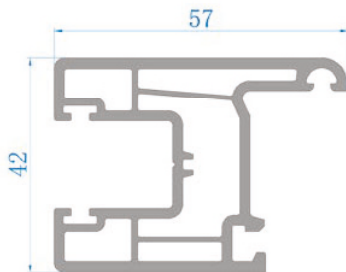
Sliding 2.5 track outer rame 88x45
CSS202



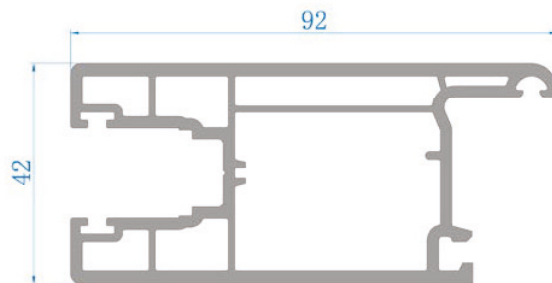
Sliding 3 track outer rame 109x45
CSS203



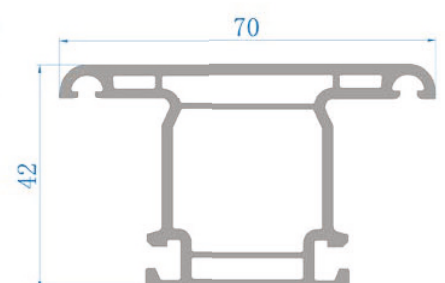
Sliding 3A track outer rame 109x52
CSS203A



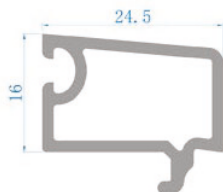
Sliding window Sash 57x42
CSS204



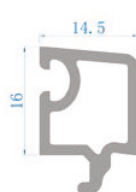
Sliding window Sash 92x42
CSS205



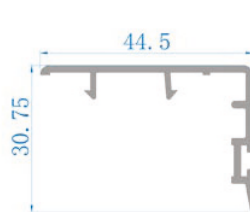
Sliding T Mullion 70x42
CSS206



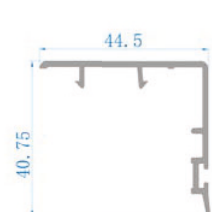
Sliding Bead 24.5x16
CSS207



Sliding Bead 14.5x16
(15mm Panel)
CSS208

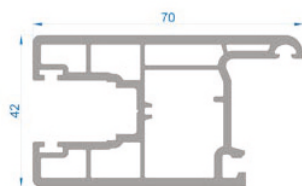


Sliding Interlock 44.5x30.75
CSS209

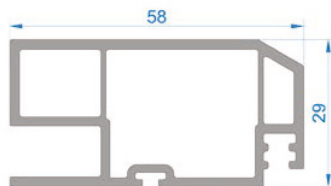


Sliding Interlock 44.5x40.75
CSS210

SLIDING ROYAL SERIES {60}



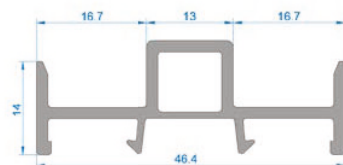
Sliding Intermediate Sash 70x42
CSS211



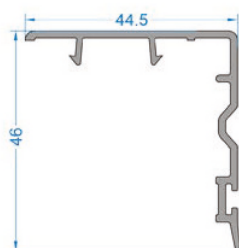
Sliding Mesh sash 58x29
CSS212



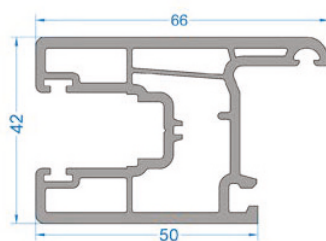
Sliding DG Bead 11.5x16
CSS213



Inline Adopter 14x46
CSS214



Sliding Interlock 44.5x46
CSS215



Sliding Intermediate Sash 42x66
CSS216

SLIDING ROYAL SERIES {60} REINFORCEMENTS



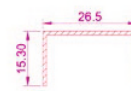
Sliding all Frame (201-201A-202-203-203A)



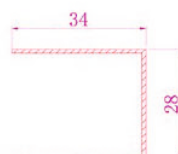
Sliding Window Sash 57 x 42
(APSR204)



Sliding T Mullion 70x42
(APSR206)



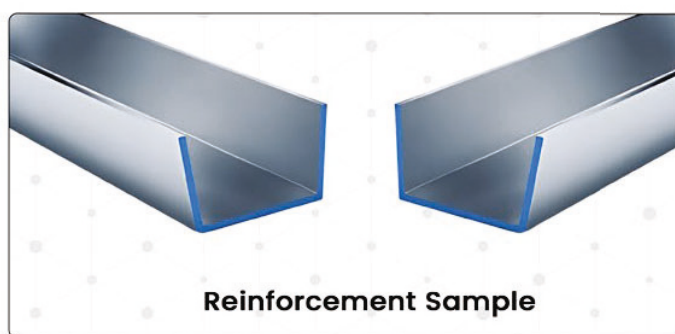
Sliding Intermediate Sash 70x42
(APSR211)



Sliding Door Sash 92x42
(APSR205)



Sliding Intermediate Sash 42x66
(APSR216)



Reinforced uPVC Windows – Benefits

- ✔ Superior Strength – Steel reinforcement prevents bending, warping, and ensures long-lasting durability.
- ✔ Enhanced Security – Stronger frame structure makes break-ins far more difficult.
- ✔ Ideal for Large Windows – Perfect solution for big sliding or casement windows.
- ✔ Weather & Rust Resistant – Withstands heat, rain, and humidity without damage.
- ✔ Low Maintenance & Long Life – No painting, no corrosion, just lasting performance.

SLIDING ROYAL SERIES {60} WINDOW



CYNOSURE SLIDING 2 TRACK WINDOW

A Sliding 2 Track Window has two sashes that move horizontally on parallel tracks. It saves space, is easy to use, and ideal for modern interiors.

Key Features & Benefits

Space Saving	No extra opening space needed.
Easy Operation	Smooth sliding on tracks.
Energy Efficient	Seals keep out heat, dust & noise.
Durable & Secure	Strong frame with multi-locks.



Durable & Secure



Energy Efficient



Cynosure Sliding 2 Track Window with Mesh

A 2 Track Sliding Window with Mesh comes with one sliding glass sash and one sliding mesh sash. It ensures ventilation while keeping insects out.

Key Features & Benefits

Ventilation with Safety	Fresh air without insects.
Wide Opening	Both panels can open fully for maximum airflow and natural light.
Flexible Operation	Can be opened partially or fully, as per need.
High Security	Multi-point locking system ensures strong protection.

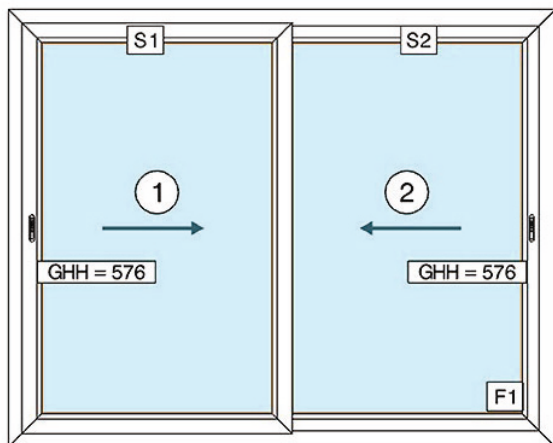


Durable & Secure



Energy Efficient

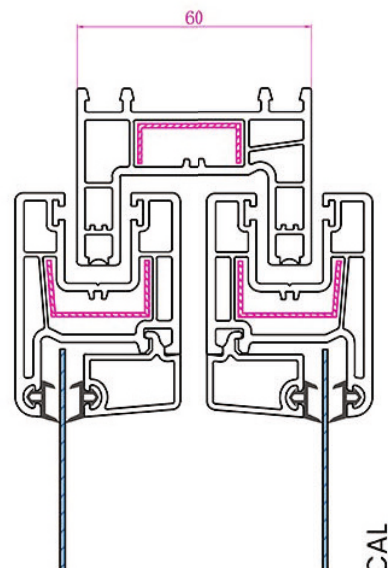
SLIDING 2 TRACK ELEVATION AND SECTION DETAILS



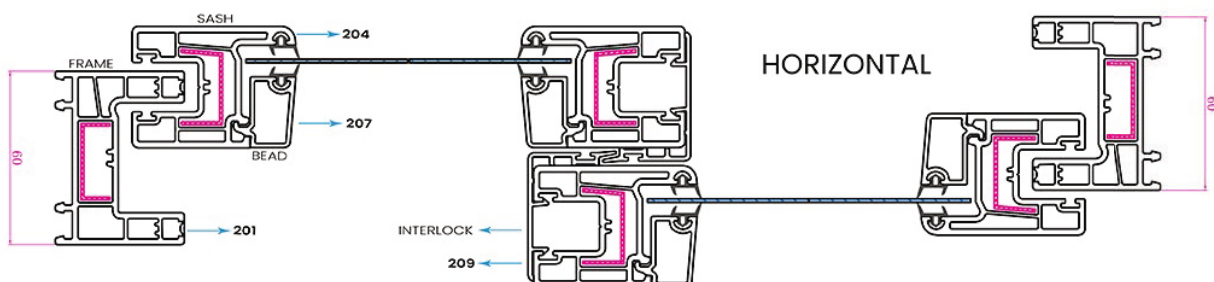
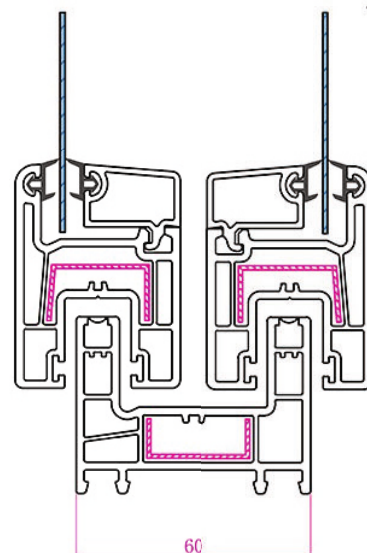
SLIDING 2 TRACK WINDOW

WINDOW SPECIFICATIONS

PROFILE COLOR	WHITE
MESH TYPE	NO
SLISING SASH	Sliding window Sash 57x42
SASH RI	RI-14MM X 26MM X14MM-1.5MM
SLIDING TRACK	Sliding 2 track outer rame 60x45
TRACK RI	RI-10MM X 26.5MM X 10MM-1MM
LOCKING TYPE	SINGLE-POINT
HANDLE TYPE	TYPE : SI-SLD TOUCH LOCK LEFT TYPE : SI-SLD TOUCH LOCK RIGHT
HANDLE COLOR	WHITE
GUIDE RAIL	ALUMINIUM GUIDE RAIL(PLASTO-GR)
ROLLER	SINGLE WHEEL WITH GROOVE

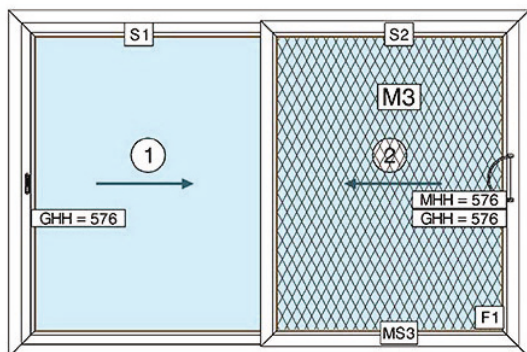


VERTICAL



HORIZONTAL

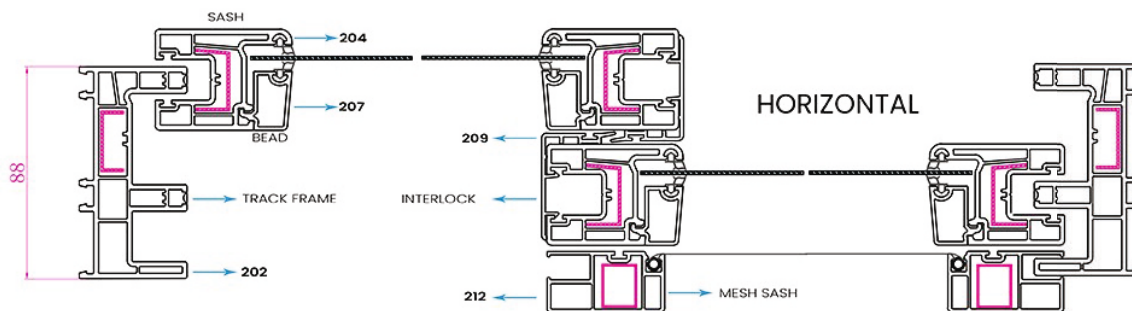
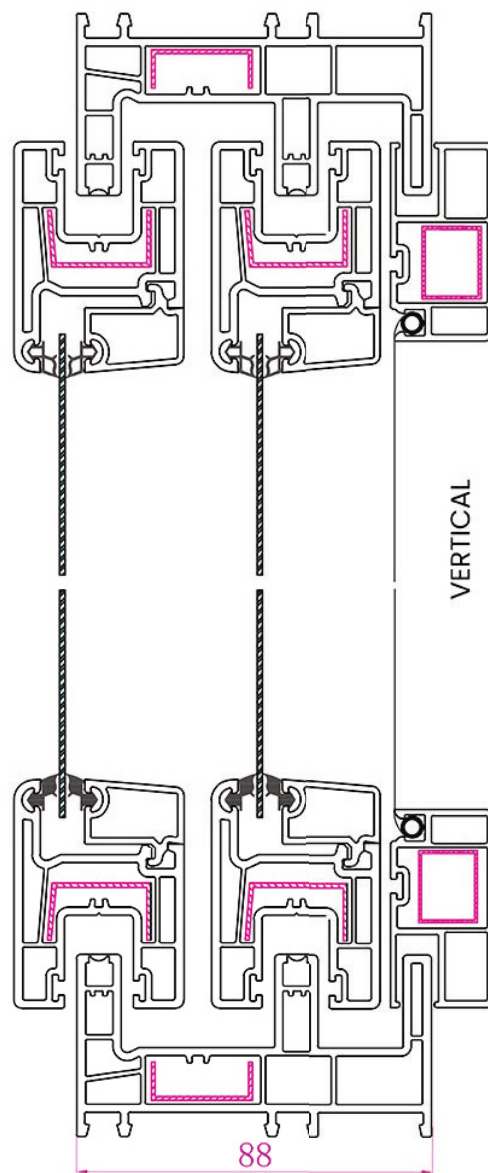
SLIDING 2.5 TRACK WITH MESH ELEVATION AND SECTION DETAILS



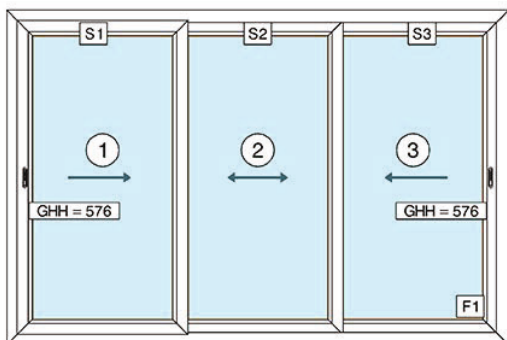
SLIDING 2.5 TRACK WINDOW

WINDOW SPECIFICATIONS

PROFILE COLOR	WHITE
INTERLOCK	INTERLOCK 44.5MM X 30.75MM
SLISING SASH	Sliding window Sash 57x42
SASH RI	RI-14MM X 26MM X14MM-1.5MM
SLIDING TRACK	2.5T Frame 88Mm X 45Mm
TRACK RI	RI-10MM X 26.5MM X 10MM-1MM
LOCKING TYPE	SINGLE-POINT
HANDLE TYPE	TYPE : S1-SLD TOUCH LOCK LEFT TYPE : S1-SLD TOUCH LOCK RIGHT
HANDLE COLOR	WHITE
GUIDE RAIL	ALUMINIUM GUIDE RAIL(PLASTO-GR)
ROLLER	FLY MESH ROLLER SINGLE WHEEL WITH GROOVE
FLYMESH SASH	0.5 MESH SASH 29MM X 58MM
FLY MESH RI	RI-23MM X 26MM X 23MM-1.5MM
MESH HANDLE TYPE	S3-SLD C HANDLE



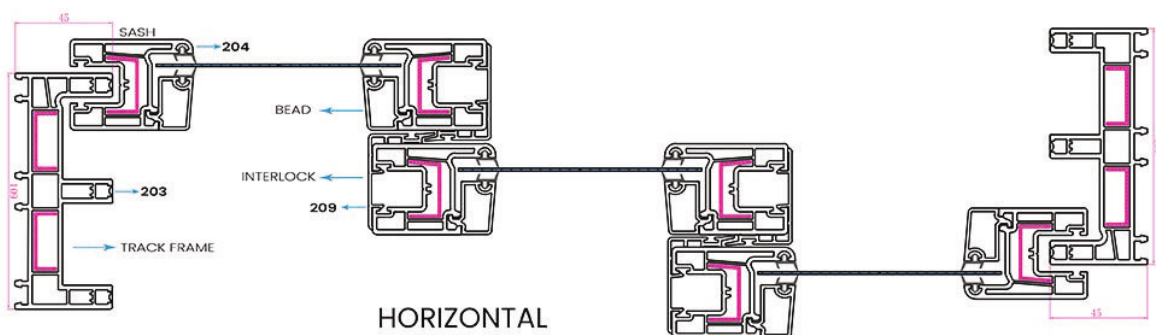
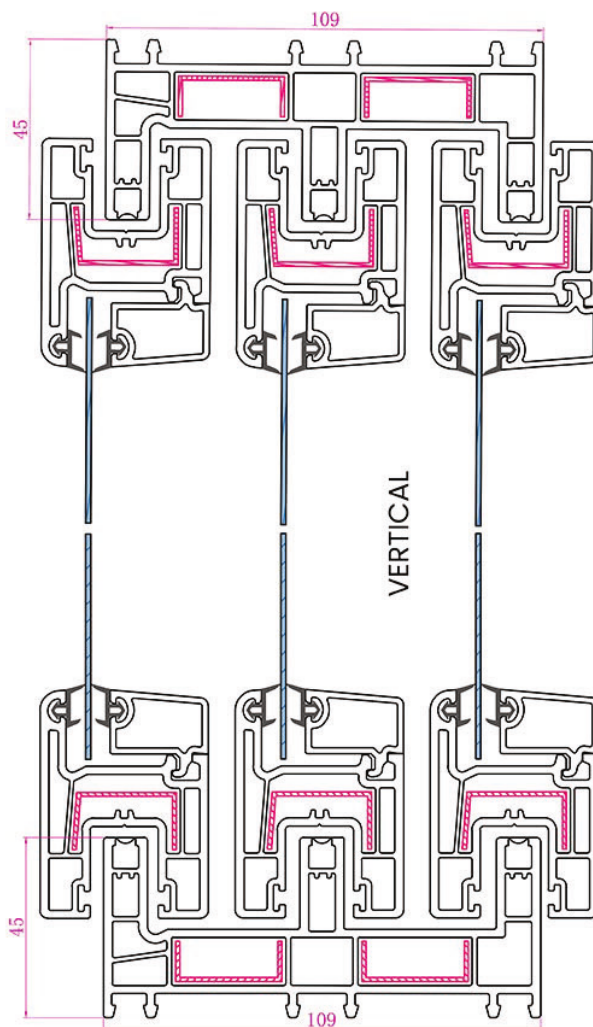
SLIDING 3 TRACK ELEVATION AND SECTION DETAILS

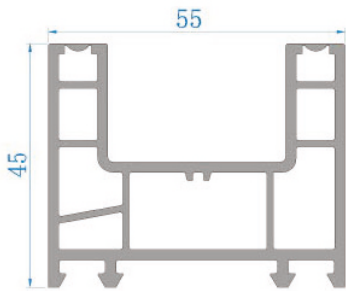


SLIDING 3 TRACK WINDOW

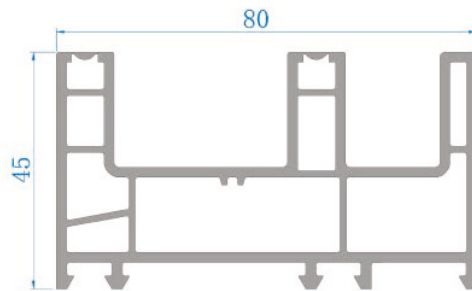
WINDOW SPECIFICATIONS

PROFILE COLOR	WHITE
INTERLOCK	INTERLOCK 44.5MM X 30.75MM
SLISING SASH	Sliding window Sash 57x42
SASH RI	RI-14MM X 26MM X14MM-1.5MM
SLIDING TRACK	Sliding 3 track outer rame 109x45
TRACK RI	RI-10MM X 26.5MM X 10MM-1MM
LOCKING TYPE	SINGLE-POINT
HANDLE TYPE	TYPE : SI-SLD TOUCH LOCK LEFT TYPE : SI-SLD TOUCH LOCK RIGHT
HANDLE COLOR	WHITE
GUIDE RAIL	ALUMINIUM GUIDE RAIL(PLASTO-GR)
ROLLER	SINGLE WHEEL WITH GROOVE

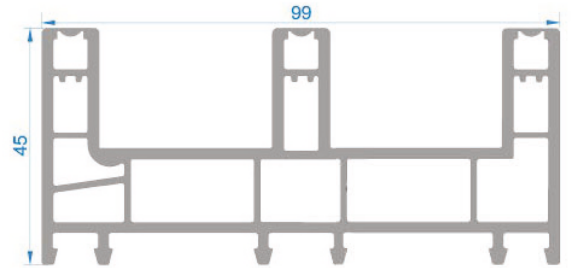




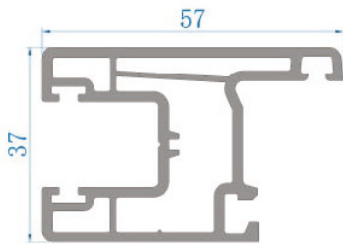
Sliding 2 track outer Frame 55x45
CSS301



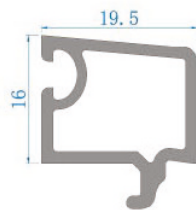
Sliding 2.5 track outer Frame 80x45
CSS302



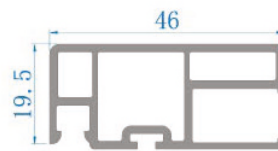
Sliding 3 track outer Frame 99x45
CSS303



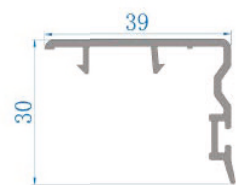
Sliding window sash 57x37
CSS304



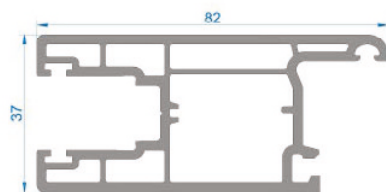
Sliding Bead 19.5 x 16
CSS305



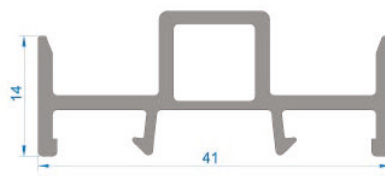
Sliding Mesh 46 x 20.5
CSS306



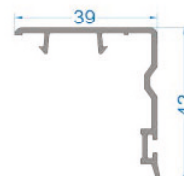
Sliding Interlock 39x30
CSS307



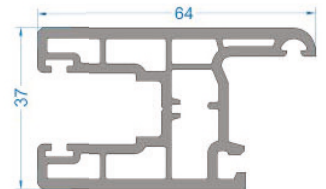
Sliding Door Sash 82x37
CSS308



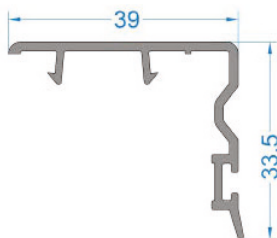
Sliding Inline adpoter 41x14
CSS309



Sliding Interlock 39x42
CSS310

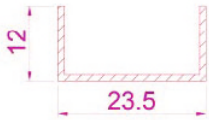


Sliding Door Sash 64x37
CSS311

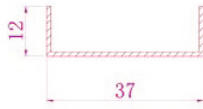


Sliding Interlock 39x33.5
CSS312

SLIDING PREMIUM SERIES {55} REINFORCEMENTS



Sliding 2 Track outer frame 55x45
(APSR301)



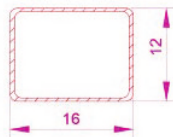
Sliding 2.5 Track outer frame 80x45
(APSR302)



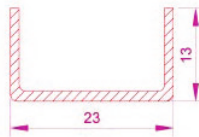
Sliding 3 Track outer frame 99x45
(APSR303)



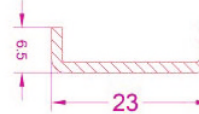
Sliding window sash 57x37
(APSR304)



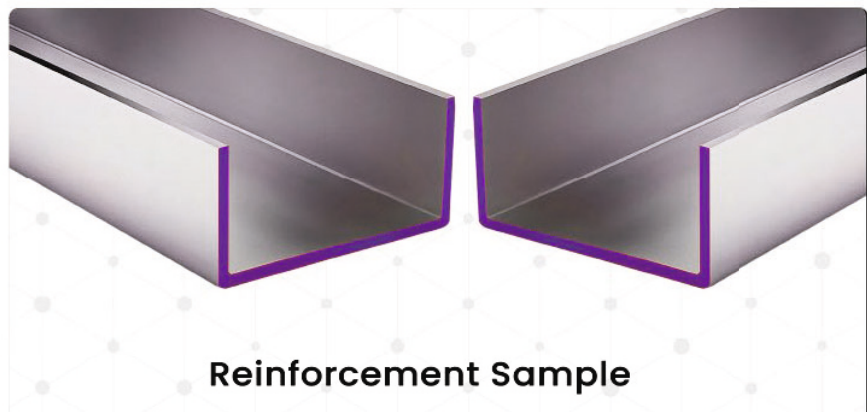
Sliding Mesh 46x20.5
(APSR306)



Sliding Door sash 82x37
(APSR308)



Sliding Door sash 64x37
(APSR311)



Reinforcement Sample

Reinforced uPVC Windows – Benefits

- ✓ Superior Strength – Steel reinforcement prevents bending, warping, and ensures long-lasting durability.
- ✓ Enhanced Security – Stronger frame structure makes break-ins far more difficult.
- ✓ Ideal for Large Windows – Perfect solution for big sliding or casement windows.
- ✓ Weather & Rust Resistant – Withstands heat, rain, and humidity without damage.
- ✓ Low Maintenance & Long Life – No painting, no corrosion, just lasting performance.

LAMINATION COLOURS



WALNUT



GOLDEN OAK



MAHOGANY



GREY



BLACK

SLIDING PREMIUM SERIES {55} WINDOW



Cynosure Sliding 2 Track Window

A Sliding 2 Track Window has two sashes that move horizontally on parallel tracks. It saves space, is easy to use, and ideal for modern interiors.

Key Features & Benefits

Space Saving	No extra opening space needed.
Easy Operation	Smooth sliding on tracks.
Energy Efficient	Seals keep out heat, dust & noise.
Durable & Secure	Strong frame with multi-locks.



Durable & Secure



Energy Efficient

SEVERAL BENEFITS



LEAD FREE



FIRE RESISTANT



TERMITE PROOF



ECO FRIENDLY



WEATHER RESISTANT



PREVENTS RAINWATER
SEEPAGE



NOISE CONTROL



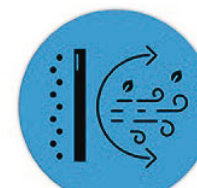
ENERGY SAVING



UV PROTECTION



LOW MAINTENANCE

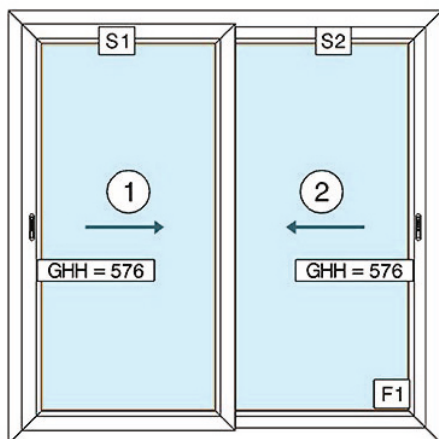


PREVENTS DUST
BUILDUP



POLLUTION RESISTANT

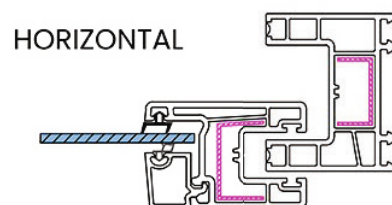
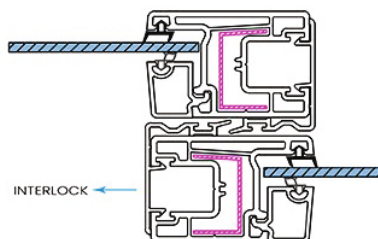
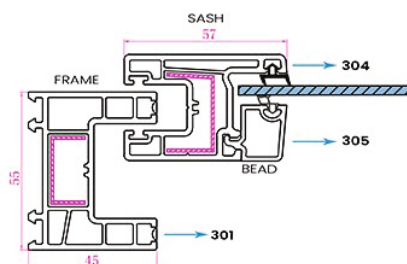
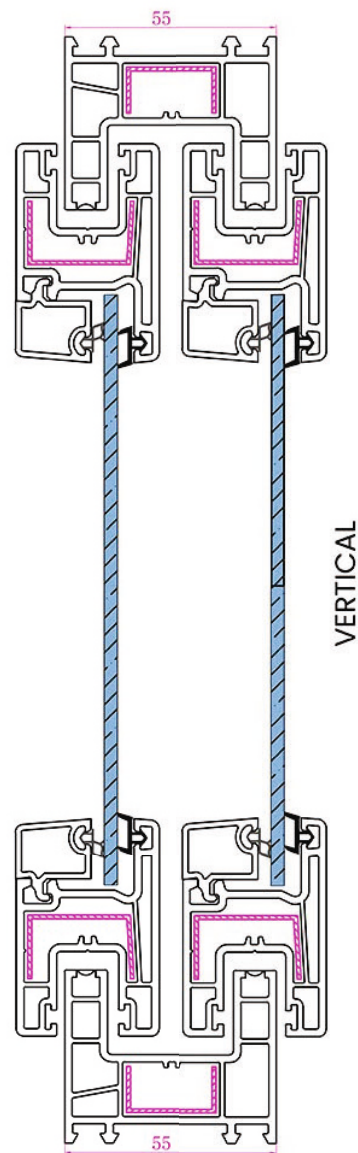
SLIDING 2 TRACK ELEVATION AND SECTION DETAILS



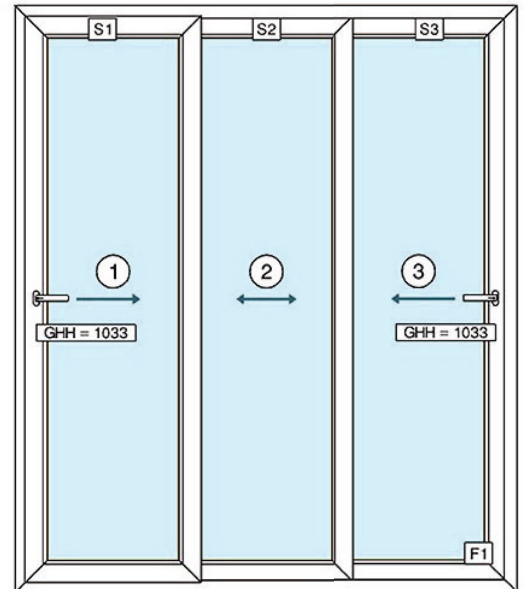
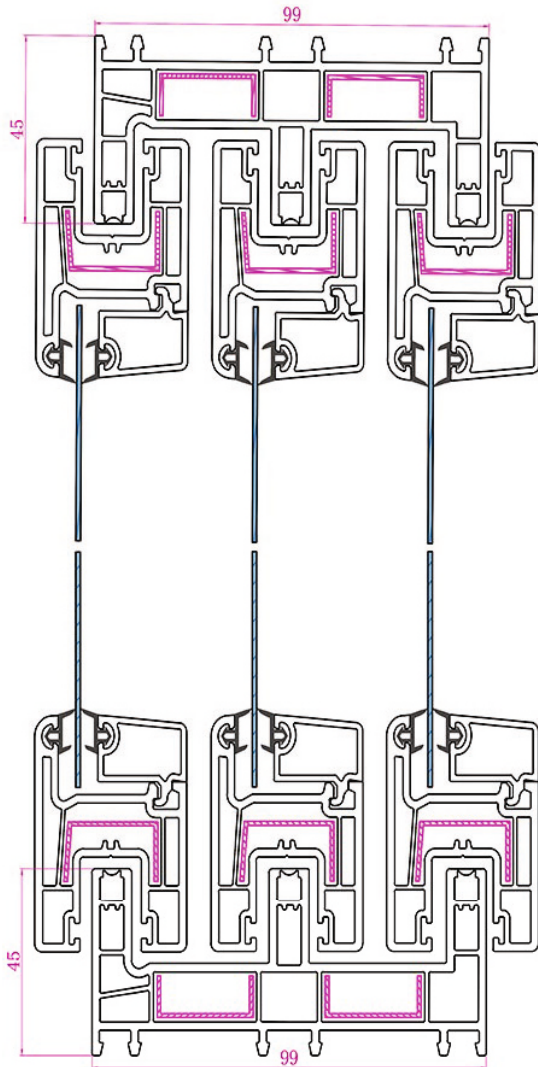
SLIDING 2 TRACK WINDOW

WINDOW SPECIFICATIONS

PROFILE COLOR	WHITE
INTERLOCK	INTERLOCK 39MM X 30MM
SLISING SASH	Sliding Sash 37Mm X 57Mm
SASH RI	RI-16.5MM X 27.5MM X 16.5MM-1.5MM
SLIDING TRACK	2T Frame 55Mm X 45Mm
TRACK RI	RI-12MM X 23.5MM X 12MM-1MM
LOCKING TYPE	SINGLE-POINT
HANDLE TYPE	TYPE : SI-SLD TOUCH LOCK LEFT TYPE : SI-SLD TOUCH LOCK RIGHT
HANDLE COLOR	WHITE
GUIDE RAIL	ALUMINIUM GUIDE RAIL(PLASTO-GR)
ROLLER	SINGLE WHEEL WITH GROOVE



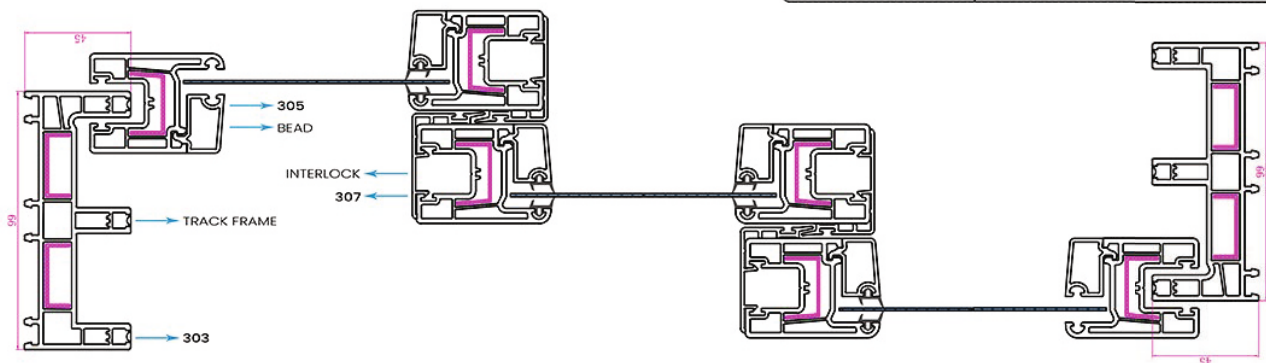
SLIDING 3 TRACK DOOR ELEVATION AND SECTION DETAILS



SLIDING 3 TRACK DOOR

WINDOW SPECIFICATIONS

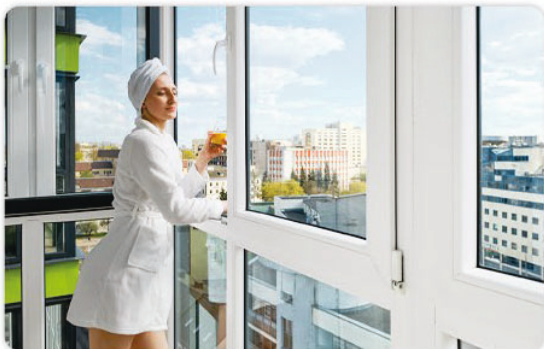
PROFILE COLOR	WHITE
INTERLOCK	INTERLOCK 39MM X 30MM
SLIDING SASH	Sliding Sash 37Mm X 82Mm
SASH RI	: RI-23MM X 23MM X 23MM-1.5MM
SLIDING TRACK	Sliding 3 track outer Frame 99Mm X 45Mm
TRACK RI	RI-12MM X 23MM X 12MM-1MM
LOCKING TYPE	MULTI-POINT
HANDLE TYPE	S1-ESPAG HANDLE WITHOUT KEY S3-ESPAG HANDLE WITHOUT KEY
HANDLE COLOR	WHITE
GUIDE RAIL	ALUMINIUM GUIDE RAIL(PLASTO-GR)
ROLLER	DOUBLE WHEEL ADJUSTABLE WITH GROOVE



COMPATIBILITY AT A GLANCE

Each profile code is listed separately with its recommended bead for Glass, Panel, and Mesh.

FRAME / SASH CODE	APPLICATION	BEAD FOR GLASS			BEAD FOR PANEL	BEAD FOR MESH
		5,6 MM	8,10,12 MM	DGU GLASS		
CWC104	CASEMENT DOOR SASH	CWC106	CWC109	CWC305 CWC208	CSS207 (24.5)	_____
CWC105	CASEMENT WINDOW SASH	CWC106	CWC109	CWC305 CWC208	CSS207 (24.5)	_____
CWC108	CASEMENT SMALL FRAME (VENTILATOR)	CWC207	CWC305 (L/10MM) CWC110 (10MM)	CWC305 CWC208	CSS207 (24.5)	_____
CWS204	SLIDING WINDOW SASH	CWS207	CWS305	CWS208	CSS208 (14.5)	CSC106 (35X18)
CWS205	SLIDING DOOR SASH	CSS207	CSS305	CSS208	CSS208 (14.5)	CSC106 (35X18)
CWS211	SLIDING INTERMEDIATE SASH	CSS207	CSS305	CSS208	CSS208 (14.5)	CSC106 (35X18)
CWS304	SLIDING WINDOW SASH	CSS305	CSS208	CSS305	CSS208 (14.5)	CSC109 (29.5X18)
CWS308	SLIDING DOOR SASH	CSS305	CSS208	CSS305	CSS208 (14.5)	CSC109 (29.5X18)



Let's build something Remarkable together

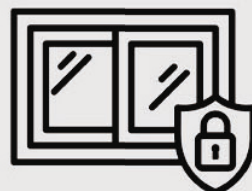
Reach out for quotes, dealer partnerships, technical assistance, or custom solutions. Our team will respond with the best guidance and transparent pricing.

[Sales & Quotes](#)
[Dealer/Project Enquiry](#)
[After-Sales Support](#)
[Custom Fabrication](#)


Energy Efficient



High-Quality Raw Materials

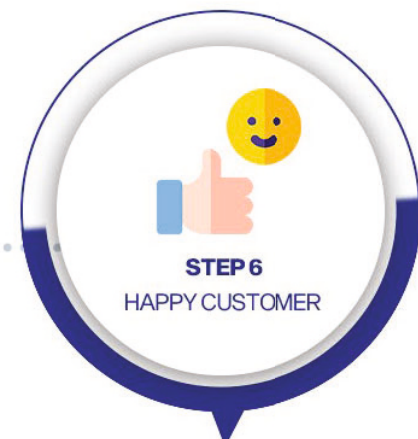


Enhanced security



INSTALATION PROCESS

STEP BY
STEP GUIDE
TO YOUR NEW
WINDOW & DOOR



Dealer Benefits & Branding Support

Let's grow together — expand your business with trust, transparency, and top-tier products.

Showroom Branding Kit :-

Standeers, banners, glow signboards, etc.



Digital Promotions Support :-

Social media shoutouts, local ad support



Bulk Purchase Rewards :-

Gifts, incentives, recognition



Training & Sales Support :-

Technical know-how & sales pitch support



Tensile Strength Test (IS 13360 Part 5/Sec 1:1992, ISO 527 Equivalent)

● Definition:

Tensile strength is the maximum amount of tensile (pulling or stretching) stress a uPVC material can withstand before breaking or failing. It is determined by pulling a specimen until fracture occurs.

● Standard Reference:

This test is conducted as per IS 13360 Part 5/Sec 1:1992 (equivalent to ISO 527), which defines the specimen shape, testing procedure, and calculation method for consistent and comparable results.

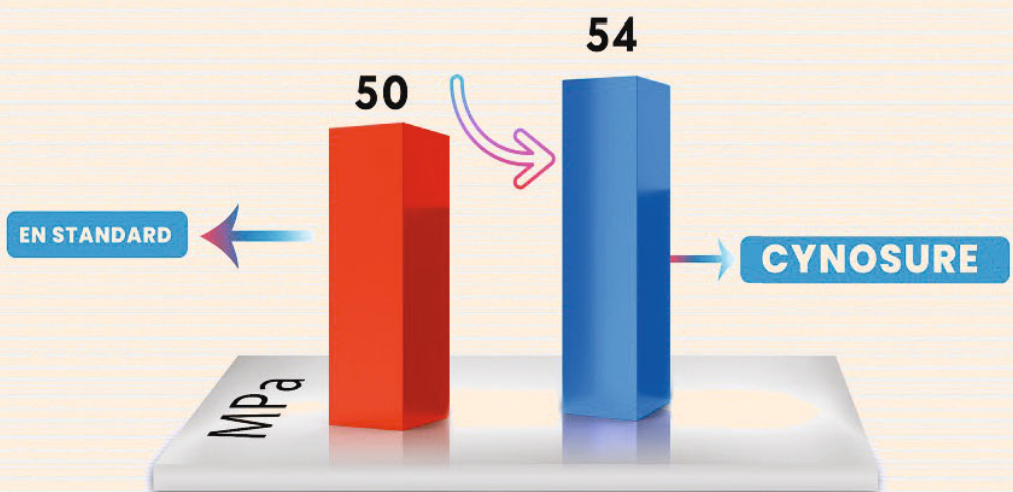
● Unit:

The result is expressed in megapascals (MPa), where:
1 MPa = 1 N/mm

● Formula:

$$\text{Tensile Strength} = \frac{\text{Maximum Load at Break (N)}}{\text{Original Cross-sectional Area (mm}^2\text{)}}$$

● Tensile Strength (IS 13360) shows how strong a uPVC profile is when stretched – a direct measure of its mechanical toughness and reliability.



CONSEQUENCES

Tensile strength directly affects product safety, durability, performance, and cost-effectiveness. Poor tensile strength can lead to product failure, customer dissatisfaction, or safety hazards.

Weld Strength Test (IS 17953:2023)

Weld Strength Test (IS 17953:2023)

The weld strength test, as described in IS 17953:2023, is a standard method used to determine the mechanical strength of welded corners and T-joints in uPVC profiles (commonly used for windows and doors).

In this test, profile specimens are welded at $90^\circ \pm 1^\circ$. The welded joint is then subjected to tensile or bending forces at a controlled speed (50 ± 5 mm/min) until failure occurs. The failure load (N) is recorded and the failure stress (MPa) is calculated based on the specimen geometry. The average value from at least three samples is reported.

Purpose

To ensure welded joints in uPVC profiles have adequate strength and stability.

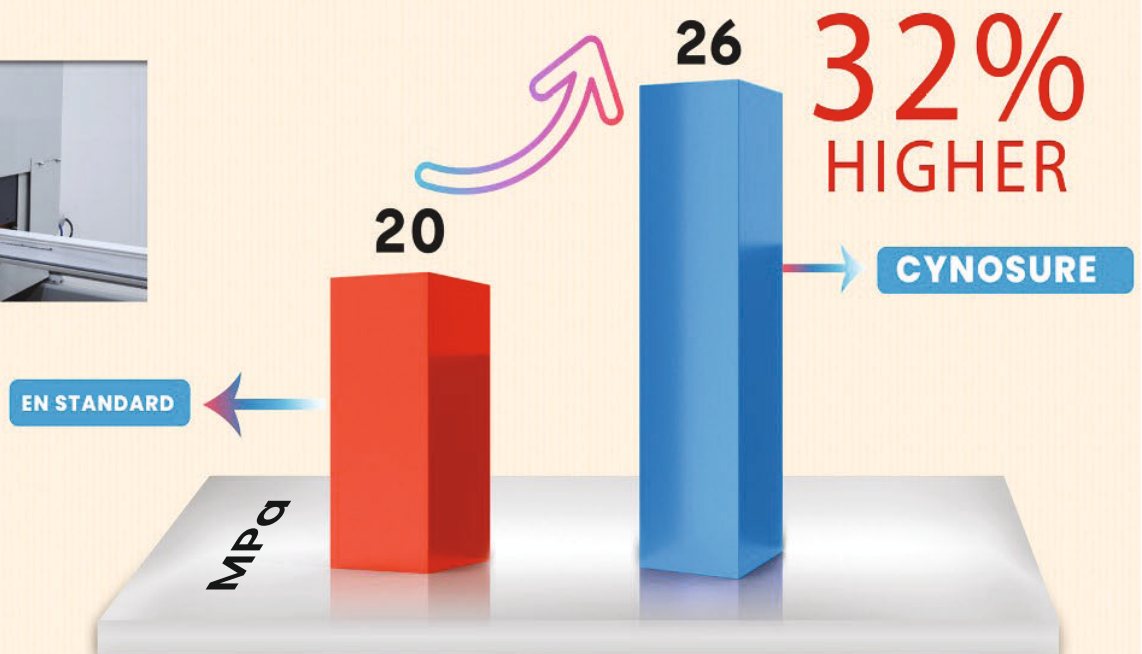
To verify that welding quality and material formulation meet Indian durability and safety requirements.

Consequence of Low Weld Strength:

Poor corner and joint stability.

Cracks or deformation during transportation and installation.

Reduced durability and higher risk of joint failure under load, wind pressure, or long-term use.



CONSEQUENCES

Insufficient weld strength may result in cracks at welded corners and panel joints, particularly during window transit and installation, leading to premature failure and reduced product reliability.

Vicat Softening Temperature (IS 13360 Part 6 Sec 1:1992)

● Definition

The Vicat Softening Temperature is the temperature at which a flat-ended needle penetrates 1 mm into the surface of a plastic specimen under a specified load, as per IS 13360.

● Test Principle

A specimen is placed under a 1 mm² needle.

A constant load of 10 N or 50 N is applied.

Heated at a controlled rate (50 °C/hr or 120 °C/hr).

The temperature at 1 mm penetration = VST value.



● Why It Matters

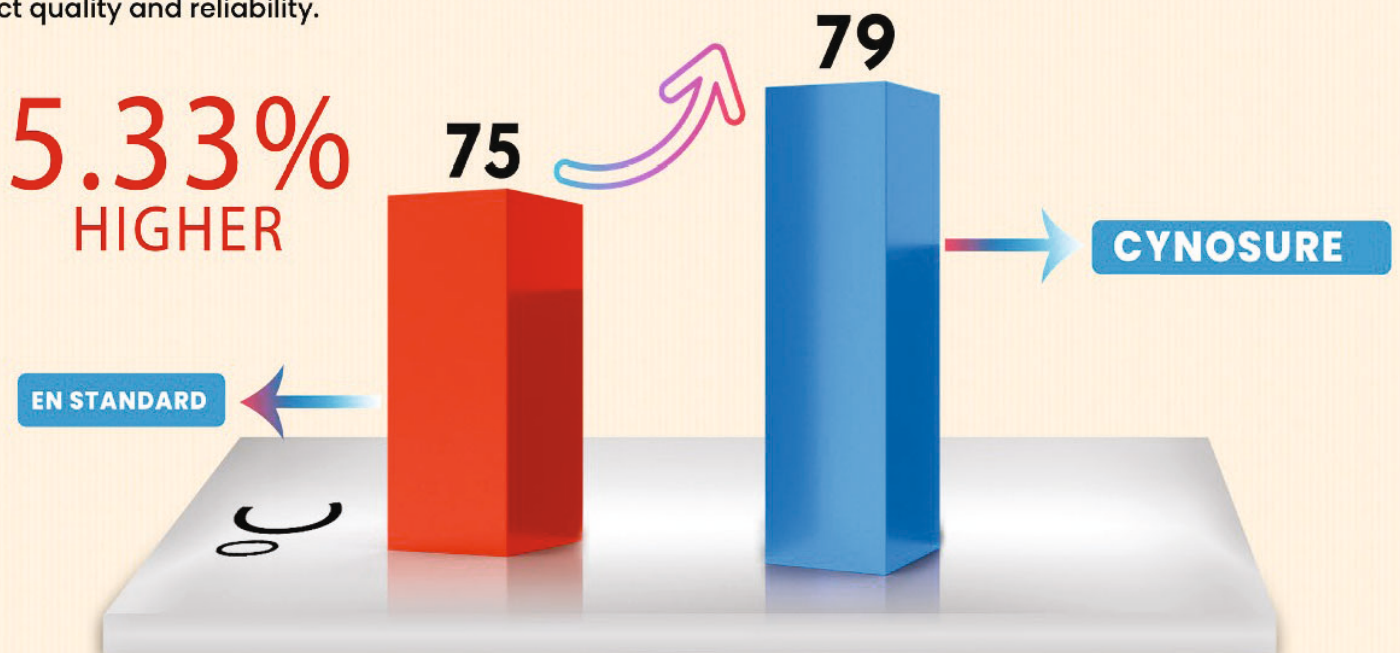
Ensures uPVC windows & doors resist deformation under heat and direct sunlight.

Higher VST = better thermal resistance & long-term durability.

Recommended: VST > 75 °C for tropical climates like India.

● In Short

VST indicates how much heat a uPVC profile can withstand before softening – a key benchmark of product quality and reliability.



CONSEQUENCES

Low Vicat Softening Temperature (VST) indicates weak formulation strength, causing early deterioration. Windows may soften, crack, or degrade even under moderate heat.

Heat Reversion Test (IS 16943:2018)

Definition

Heat Reversion is the change in length (shrinkage) of a uPVC profile when it is exposed to heat in a controlled environment. This test checks the dimensional stability of uPVC profiles under high temperature conditions.

Test Method

A profile specimen of specified length is cut.

Kept in a hot air oven at $100 \pm 2^\circ\text{C}$ for 1 hour.

After cooling to room temperature, the change in length is measured.

Reversion % Formula

$$\text{Reversion}(\%) = \frac{L_0 - L_1}{L_0} \times 100$$

Where:

L_0 = Original Length (mm)

L_1 = Length After heating (mm)

Requirement as per IS 16943:2018

Heat Reversion shall not exceed 2% for uPVC profiles.



CONSEQUENCES

IF HEAT REVERSION IS HIGH, PROFILES MAY WARP OR SHRINK AFTER INSTALLATION. THIS LEADS TO POOR FITTING, GAPS, AND REDUCED SERVICE LIFE OF WINDOWS/DOORS.

Heat Aging Test (IS 16943:2018)

Definition

Heat Aging is a test conducted to check how well uPVC profiles retain their physical and mechanical properties when exposed to elevated temperatures for a prolonged period.

Test Method

uPVC profile samples are placed in a hot air oven at $100 \pm 2^\circ\text{C}$.

Exposure time: 150 ± 2 hours (approx. 6 days).

After aging, the samples are cooled to room temperature.

Then impact strength, colour, surface finish, and brittleness are examined.

Requirement as per IS 16943:2018

No cracks, chalking, or discoloration should be visible.

Mechanical properties (especially impact resistance) must not fall below the minimum specified values.



CONSEQUENCES

CRACKS AND RUPTURES WEAKEN THE PROFILE'S STRENGTH AND DURABILITY.
THEY ALSO REDUCE AESTHETICS AND MAY CAUSE LEAKAGE ISSUES.

Flexural Modulus of Elasticity Test (IS 13360 Part 5/Sec 5:1992, ISO 178 Equivalent)

Definition

The flexural modulus is the ratio of stress to strain when a uPVC specimen is bent under load. It measures the stiffness and resistance to bending of the material.

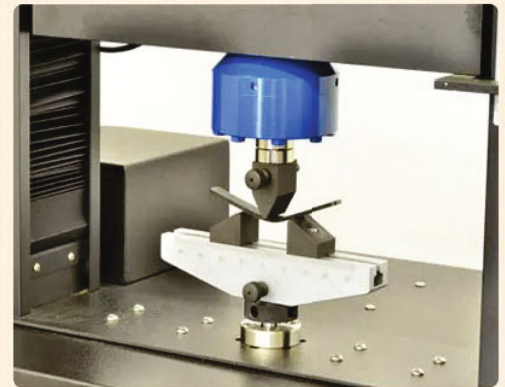
Test Principle

A rectangular uPVC specimen is placed on two supports.

A load is applied at the center (three-point bending).

The specimen bends, and the stress-strain curve is recorded.

The slope of the curve = Flexural Modulus (MPa).



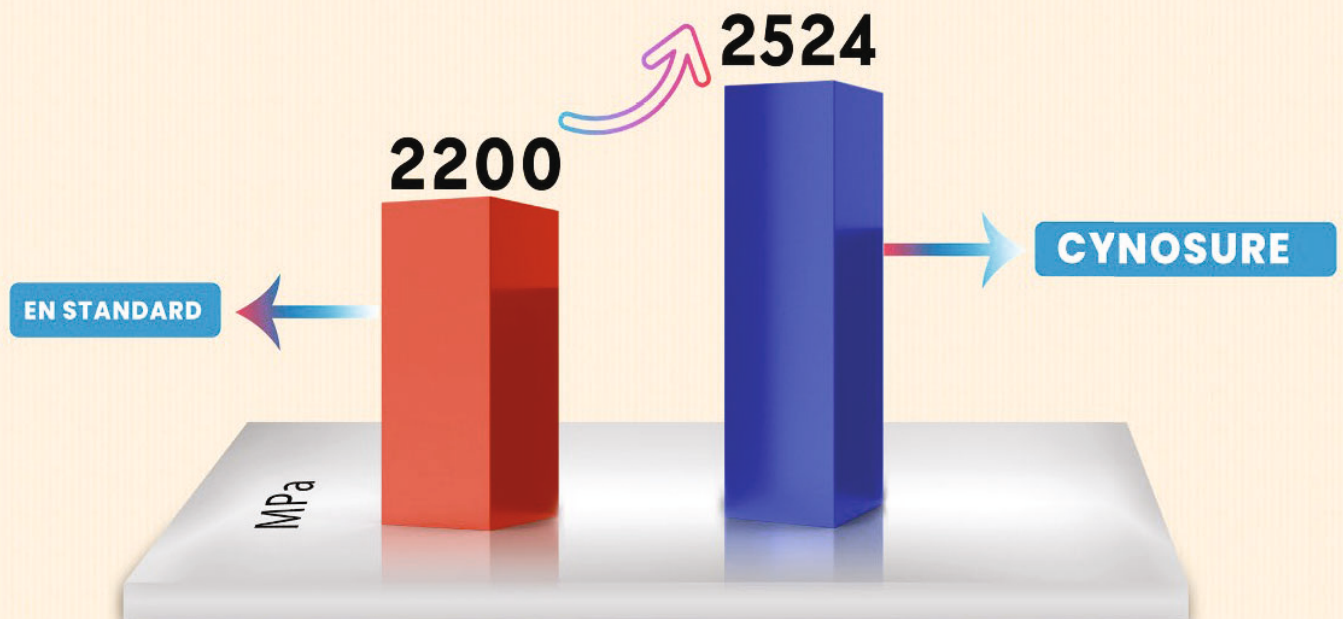
Why It Matters

Higher Flexural Modulus = better rigidity, dimensional stability, and load-bearing capacity.

Ensures windows & doors do not deform under wind pressure or installation stress.

In Short

Flexural Modulus shows how stiff and stable a uPVC profile is under bending loads, directly linked to strength and durability.



CONSEQUENCES

Low Flexural Modulus means poor stiffness, causing windows to bend or deform under load. This leads to reduced strength and early structural failure.

सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोकेमिकल इंजीनियरिंग एंड टेक्नोलॉजी
(राज्य एवं केंद्रीय मंत्रालय, भारत सरकार)
CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY
(Ministry of Chemicals and Fertilizers, Govt. of India)
City Centre, P.O.-Debnag, Haldia, PIN-721657, (W.B.)
Phone : 03224-255534, 255404, Fax: 91-3224-253016
E-mail : cipet.haldia@gmail.com

PLASTIC TESTING CENTRE
TEST CERTIFICATE

Issued to : ASSRE Plasto World International Pvt. Ltd.
Baliadanga, N.H. 34, P.O.-Baliadanga,
P.S.-Kaliachak, Dist.-Malda, Baliadanga,
Malda, West Bengal, 732201

Test Report No : 00000995
Date : 14-11-2024
Date (s) of Performance of test : 06-11-2024 to 08-11-2024
Page 1 of 2

Your Ref. email, Dated: Oct 19, 2024
Our Work Order Ref. No. PTC/10-24/1563

TEST REPORT AS PER CUSTOMER REQUEST
PART A : PARTICULARS OF SAMPLE SUBMITTED

Nature of Sample	: UPVC Window and Door Profile as stated by the party.
Grade / Variety / type / Size / Class etc.	: Nil
Brand name, if any	: "CYNOSURE" as declared by the party.
Declared values, if any	: Nil
Code No.	: Nil
Batch No. and date of manufacture	: 01 nos. cut piece as submitted by the party.
Quantity	: 28-10-2024
Mode of Packing	: Wrapped with cellophane paper.
Date of receipt of sample	: Scaled
Scaled or not	: Nil
Any other information	: Nil

PART B: SUPPLEMENTARY INFORMATIONS

a) Reference to sampling procedure	: Supplied by the party
b) Supporting documents for the measurements taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test report, if any (to be attached)	: Nil
c) Deviation from the test methods as prescribed in relevant IS: / Work instructions, if any	: Nil

36001-36750 /20.02.2024

Certificate

This is to Certify that
ASSRE PLASTO WORLD
INTERNATIONAL PRIVATE LIMITED
C/o Mahammad Rafajuddin Sekh, Baliadanga, NH-34,
Kaliachak, Malda, West Bengal - 732201, India

has been found in Compliance with requirements of
Quality Management System
ISO 9001:2015
for the following scope:
Design, Extrusion, Fabrication & Installation and supply of UPVC profiles, Windows and Doors

Certificate No. : QCC/70F4/0724
Issue Date : 06-July-2024
1st Surveillance Due : 05-June-2025
2nd Surveillance Due : 05-June-2026
Expiry Date : 05-July-2027

To check this certificate status visit:
<https://qcccertification.com/Client.aspx>

Quality Control Certification
2nd Floor, Aman Market,
Narela Mandi, Delhi - 110 040, India
Website: <https://qcccertification.com>

EAS
Certification Body QMS 0004

EAS is member of International Accreditation Forum (IAF)
"Quality Control Certification (QCC)" accredited by "Ethiopian Accredited Service (EAS)"
This certificate remains the property of "QCC" to whom it must be returned on request

SGS

Report No. : MAN-HL1548004308 **ISSUE DATE: 25-Jun-2024**

ASSRE PLASTO WORLD INT. PVT. LTD.
BALIADANGA, NH 34, P.O.-BALIADANGA, P.S.-KALIACHAK,
DISTT.-MALDA, WEST BENGAL.-732201
INDIA
CONTACT PERSON: MD ARIF

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:
SAMPLE DESCRIPTION : ASSRE PLASTO UPVC PROFILE
COLOUR : WHITE
STYLE NO. : POWDER
ARTICLE NO./REF. NO. : 1

LAB PROVIDED DETAILS:
CONDITION OF SAMPLE : COMPLETE AND OK
THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES: SGS GURUGRAM LABORATORY
SAMPLE RECD ON : 05-Jun-2024 **TESTING PERIOD:** 10-Jun-2024 - 25-Jun-2024

SUMMARY OF TEST RESULTS:

TESTS	PASS	FAIL	REMARKS
RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU: Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates (such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP))	P		

Remarks:
Pass
Fail

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S). RESULTS APPLY TO THE SAMPLE AS RECEIVED

Per Pro SGS India Pvt. Ltd.
Sandip Bhushan
TECHNICAL MANAGER
Authorized Signatory-Mechanical
Email your Test Report Related Enquiries at Feedback.HLT@sgs.com

Page 1 of 9

SGS India Pvt. Ltd.

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Kaliachak, Malda, West Bengal - 732201, India

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Environmental Management System
ISO 14001:2015
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Issue Date : 06-July-2024
1st Surveillance Due : 05-June-2025
2nd Surveillance Due : 05-June-2026
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EAS
Certification Body EMS 0002

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" We don't just make **profiles**,
we create lasting **impressions**. "

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Assre Plasto World International Private Limited

NH-34, Baliadanga, Kaliachak, Malda, 732201

Toll Free-1800-833-0056 / Ph No-+91 6294721267