

10+
SERIES

8+
COLORS

85+
PARTNERS

ONE PROFILE BRAND

ENDLESS SOLUTIONS



Fenova
uPVC Door & Window Systems
WE DELIVER SUNSHINE

A DIVISION OF ARIHANT GROUP | SINCE 1989

www.fenova.in

FENOVA | COMPANY OVERVIEW

Fenova uPVC Door & Window Systems is one of India's most trusted brands of premium uPVC door & window profile systems. Fenova's uPVC doors & windows are engineered to provide an opulent experience backed by enhanced durability. As the name suggests, Fenova is a pioneer manufacturer of 'Innovative Fenestration' products.

Fenova profiles are manufactured in a **state-of-the-art fully automated extrusion** facility in Solapur-Maharashtra, with an annual installed capacity of **6000 MT** and in-house quality labs. Fenova is well-established to support & grow with its network of **85+ channel partners** to build, deliver, and install world-class uPVC doors & windows which constantly deliver sunshine to the lives of its customers.

Fenova's uPVC profile systems are designed to provide a luxurious experience backed by enhanced weatherability, energy efficiency, sound proofing & durability. All of Fenova's products are proudly manufactured in India, at par with global quality standards.

Fenova's parent company – Arihant Group has innovated and manufactured products for 10 different industries & have first brought to India the Co-extrusion Technology as a revolution in the uPVC Door & Window Profile industry which makes color & wooden finish profiles widely accessible and affordable to consumers.



Fenova
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WE DELIVER SUNSHINE



Annual Capacity
6000 Tons



Associates
150+



Developments
3+ Innovations

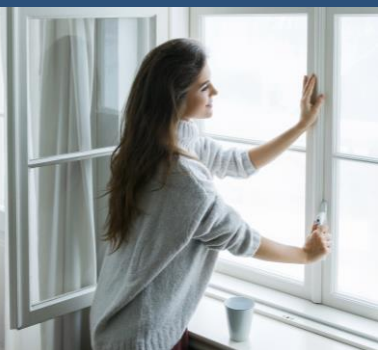


FEN + NOVA
fenestration + innovation

FENOVA'S PRODUCT RANGE

FENOVA'S CASEMENT SERIES

Window Series | Door Series | Compact Series



Elegant Openable, Fixed & Combination Doors & Windows



For Sliding Doors & Windows With Height Up To 10 Feet

FENOVA'S SLIDING SERIES

Window Series | Door Series | Project Series | Monorail Series

Aesthetic Sliding Doors & Windows Engineered For Performance



Door Panels, Georgian Bars For French Look, Couplers, and more



FENOVA'S JUMBO SLIDING SERIES

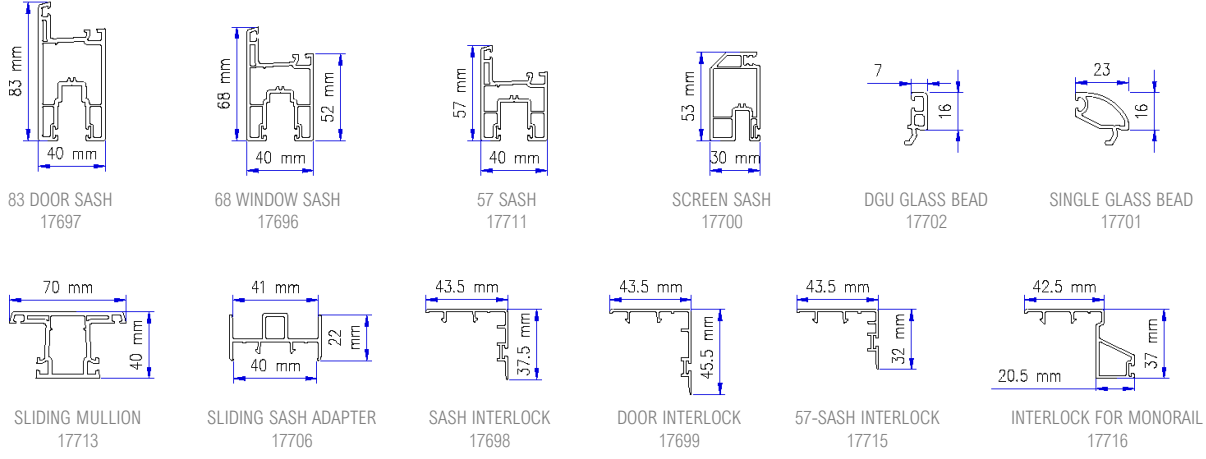
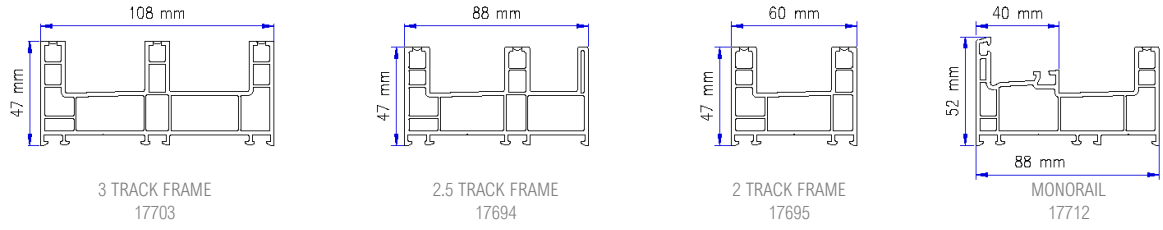
Jumbo Window Series | Jumbo Door Series

FENOVA'S ACCESSORIES

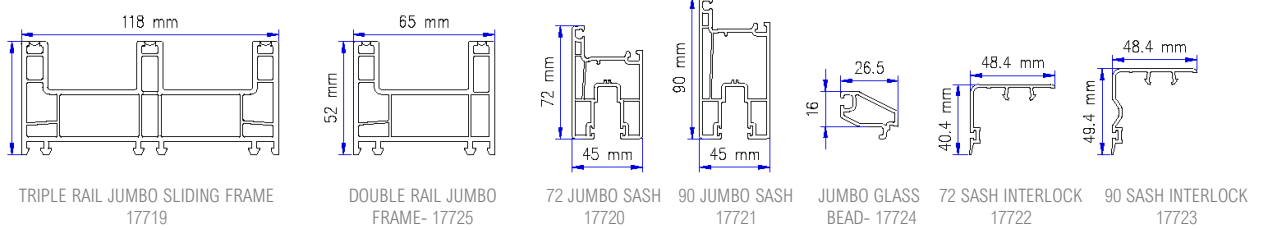
Door Panels | Georgian Bars | Couplers & more

10+ SERIES | 8+ COLOURS | 2+ TEXTURES

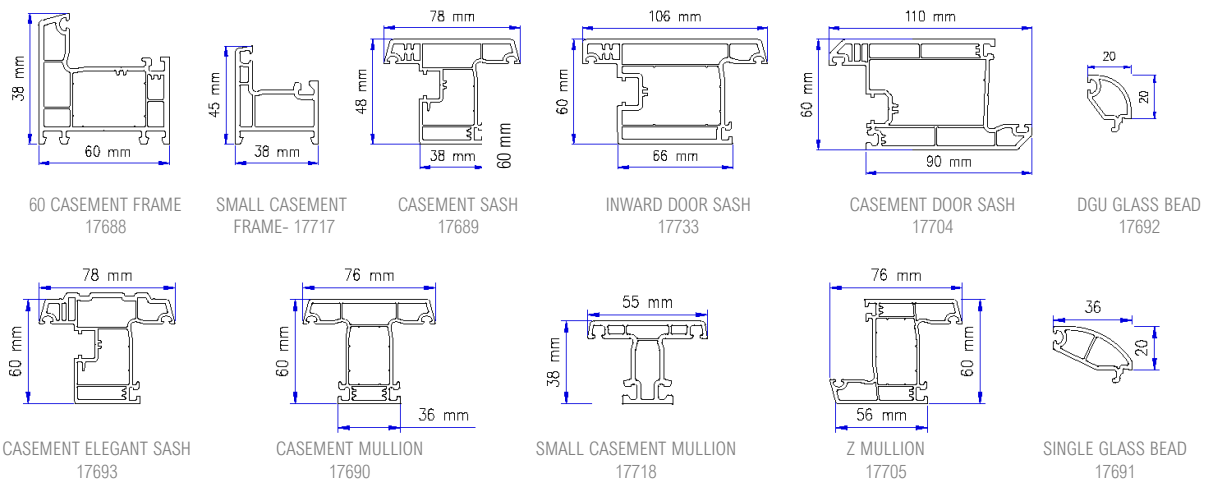
SLIDING SERIES - 60/88/108 mm



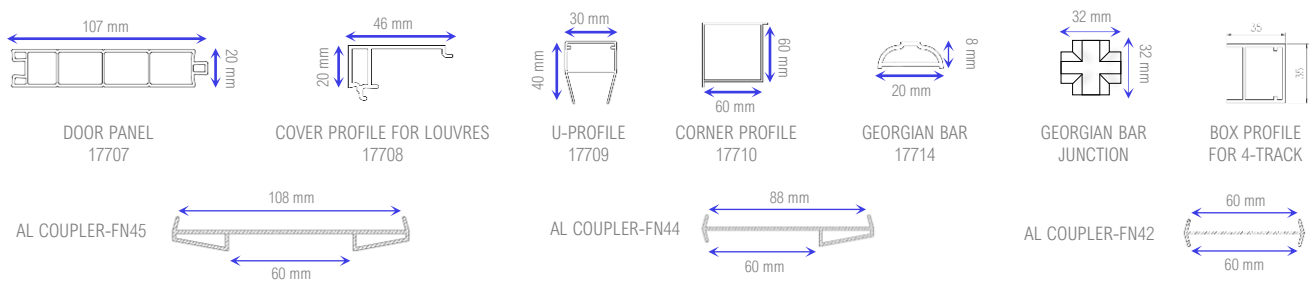
SLIDING JUMBO SERIES - 65/118 mm



CASEMENT SERIES - 38/60 mm

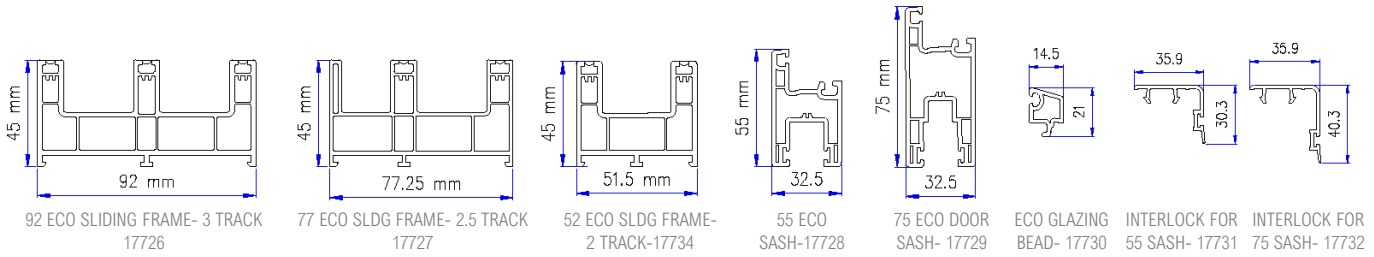


ACCESSORIAL PROFILES

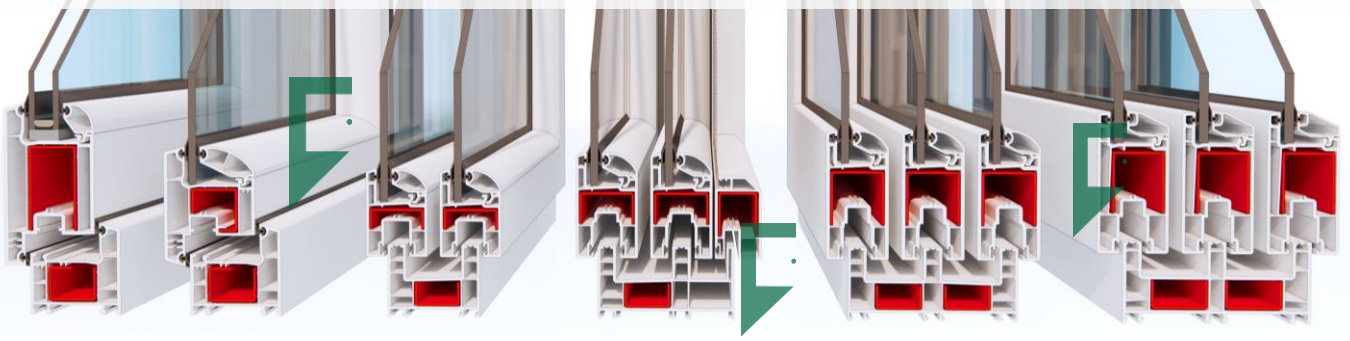


FENOVA'S PROFILE CROSS-SECTIONS IN 'mm'

PROJECT SLIDING SERIES - 52/77/92 mm



FENOVA PROFILE RANGE



FENOVA PART#	FENOVA PROFILE NAME	WHITE	MARBLE	WOODEN/ COLOURED	FENOVA PART#	FENOVA PROFILE NAME	WHITE	MARBLE	WOODEN/ COLOURED
17688	60 SERIES CASEMENT FRAME	✓	✓	✓	17727	77 ECO SLDG FRAME- 2.5 TRACK	✓	✗	✗
17689	60 CASEMENT SASH	✓	✓	✓	17734	52 ECO SLDG FRAME- 2 TRACK	✓	✗	✗
17704	106 CASEMENT DOOR SASH	✓	✓	✓	17728	55 ECO SLIDING SASH	✓	✗	✗
17693	60 ELEGANT SASH	✓	✓	✓	17729	75 ECO DOOR SASH	✓	✗	✗
17690	60 CASEMENT MULLION	✓	✓	✓	17730	4 MM ECO GLASS BEAD	✓	✗	✗
17705	60 Z MULLION	✓	✓	✓	17731	INTERLOCK FOR 55 SASH	✓	✗	✗
17717	38 SERIES CASEMENT FRAME	✓	✗	✗	17732	INTERLOCK FOR 75 SASH	✓	✗	✗
17718	38 SMALL CASEMENT MULLION	✓	✗	✗	17725	JUMBO SLIDING FRAME 2T	✓	✗	✗
17691	4 MM CASEMENT GLASS BEAD	✓	✓	✓	17719	118 JUMBO SLIDING FRAME	✓	✗	✗
17692	20 MM CASEMENT GLASS BEAD	✓	✓	✓	17720	72 MM JUMBO SLIDING SASH	✓	✗	✗
17703	108 SLIDING FRAME-3 TRACK	✓	✓	✓	17721	90 MM JUMBO SLIDING SASH	✓	✗	✗
17694	88 SLIDING FRAME-2.5 TRACK	✓	✓	✓	17722	INTERLOCK FOR 72 MM SASH	✓	✗	✗
17695	60 SLIDING FRAME-2 TRACK	✓	✓	✓	17723	INTERLOCK FOR 90 MM SASH	✓	✗	✗
17712	MONORAIL TRACK	✓	✓	✓	17724	5 MM JUMBO GLASS BEAD	✓	✗	✗
17696	68 SLIDING SASH	✓	✓	✓	17707	107 DOOR PANEL	✓	✓	✓
17697	83 SLIDING DOOR SASH	✓	✓	✓	17733	CASEMENT INWARD DOOR SASH	✓	✗	✗
17711	57 SLIDING SASH	✓	✓	✗	17708	COVER PROFILE FOR LOUVRES	✓	✗	✓
17700	SCREEN SASH	✓	✓	✓	17709	U-PROFILE	✓	✗	✓
17698	INTERLOCK FOR 68 SASH	✓	✓	✓	17710	CORNER PROFILE- 60 * 60	✓	✗	✓
17699	INTERLOCK FOR 83 SASH	✓	✓	✓	17714	GEORGIAN BAR	✓	✗	✓
17715	INTERLOCK FOR 57 SASH	✓	✓	✗	NA	GEORGIAN BAR JUNCTION	✓	✗	✓
17716	INTERLOCK FOR MONORAIL	✓	✓	✓	NA	BOX PROFILE FOR 4 TRACK	✓	✗	✓
17701	4 MM SLIDING GLASS BEAD	✓	✓	✓	FN45	AL COUPLER 108 X 60	✓	✗	✓
17702	20 MM SLIDING GLASS BEAD	✓	✓	✓	FN44	AL COUPLER 88 X 60	✓	✗	✓
17713	SLIDING MULLION	✓	✓	✓	FN42	AL COUPLER 60 X 60	✓	✗	✓
17706	SLIDING SASH ADAPTER	✓	✓	✓					
17726	92 ECO SLIDING SASH- 3 TRACK	✓	✗	✗					

SUPERIOR PROFILES FROM ADVANCED CO-EXTRUSION

FIRST IN INDIA: CO-EXTRUDED WOODEN-FINISH & COLOUR PROFILES

Most window profile manufacturers in the world apply laminates to their uPVC profiles to create a wooden or coloured aesthetic. However, there is a risk that these laminates may peel, get damaged or wear off over time which can degrade the overall look of the doors & windows

1 FIRST & ONLY	? CO-EXTRUSION TECHNOLOGY	INHERENT WOODEN FINISH	REPLACE LAMINATES
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FENOVA'S CO-EXTRUDED PROFILES

NO laminates, no peeling

HOMOGENOUS joint of two polymers

IN-BUILT UV resistance with STYREX+

COST SAVINGS over laminates

1ST IN INDIA

TRADITIONAL LAMINATED PROFILES

PEELING laminates may peel

WEAR & TEAR prone to rips & scratches

EXPENSIVE 2x costlier than fenova

WHAT IS FENOVA'S CO-EXTRUSION TECHNOLOGY?

Fenova's exclusive engineering polymer **STYREX+™** is extruded together with uPVC to form a homogeneously joined multi-layered profile. **STYREX+™** is a specially formulated engineering polymer that enhances weatherability against UV rays along with a choice of premium surfaces

FENOVA'S UNIQUENESS

Fenova's **STYREX+™** outer layer is available in a variety of wooden finishes, solid colours, and textures for our profiles. Whereas the inner uPVC substrate ensures extended durability and structural integrity, amongst other benefits of uPVC

FENOVA'S COLOUR RANGE

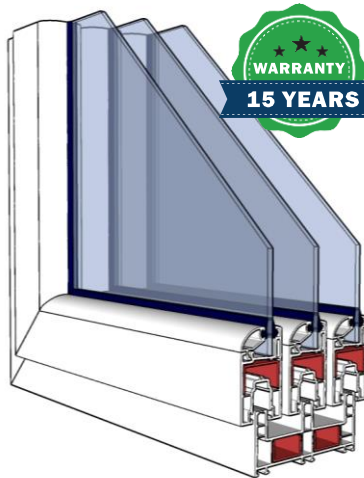


WHITE	MARBLE	GREY	GRAPHITE GREY
MATTE BLACK	C-BROWN	D-BROWN	R-BROWN

1-side co-extruded colour profiles & R-Brown profiles can be possible for projects requiring profiles of a minimum 2 full truckloads

FENOVA'S ADVANTAGES

-  WEATHER-PROOF
-  UV-RESISTENT
-  SELF-EXTINGUISHING
-  NO STRESS-CRACKING
-  NO MAINTENANCE
-  ANTI-STATIC

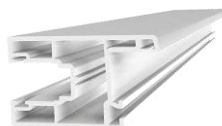


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-  SOUND-PROOF
-  CHEMICAL RESISTENT
-  ENERGY EFFICIENT
-  COST EFFECTIVE
-  TERMITE FREE
-  RECYCLABLE

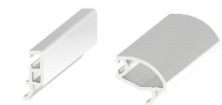
With over three decades of expertise in plastics manufacturing, our company has excelled in developing polymeric products for over 10 different industries. We take pride in our expertise and like to educate our customers on what it takes to produce high-quality uPVC profiles.

FENOVA QUALITY	INFERIOR QUALITY
<ul style="list-style-type: none"> Impact Modifier ✓ Fenova uses abundant quantity of European acrylic grade impact modifiers in the raw material compound which enable our profiles to retain impact strength after prolonged use and exposure to sunlight 	<ul style="list-style-type: none"> x The Insufficient quantities (2-4%) of acrylic impact modifiers, or lower grades – such as CPE, are used to make profiles. This hampers the UV stability of profiles and thus, hampers impact strength in the long term



FENOVA QUALITY	INFERIOR QUALITY
<ul style="list-style-type: none"> Processing Aids, Lubricants, Stabilizers ✓ Above mentioned chemicals, in the right dosages play a definitive role on the molecular level. The number and quality of molecular bonds defines the strength, finish, gloss, etc. 	<ul style="list-style-type: none"> x The Inappropriate quantities, and usage of sub-standard grades of chemicals results in lower mechanical properties, lesser gloss, yellowish or milky white colour, and hampered durability of the profile

<ul style="list-style-type: none"> Titanium Di-Oxide & UV Absorbers ✓ We use 8 parts of German rutile grade TiO₂ in addition to UV absorbers, and anti-oxidants to enhance UV Resistance and prevent the discolouration and brittleness of our profiles ✓ All our co-extruded colour profiles have a layer of ASA polymer which has an innate property of UV resistance ✓ All our profiles can sustain 8000 hours of accelerated UV exposure tests 	<ul style="list-style-type: none"> x UV additives are the most expensive chemicals amongst all raw materials needed to produce door and window profiles; and are hence, unfortunately the chemicals which are used in lower than optimum quantities by many players in the market. Cheaper solutions and lower quantities result in less UV stability, brittleness, early discolouration, and stress cracking of the profiles
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<ul style="list-style-type: none"> Fillers ✓ Calcium carbonate is used as a filler in the compound to impart toughness in the profile. ✓ However, the particle size and appropriate quantities of dosage is important. ✓ We use imported grades of extra fine particle size of calcium carbonate, preventing the over dosage which causes degradation and provides better surface finish 	<ul style="list-style-type: none"> x Use of high levels of sub-standard grades and coarse particle nature of calcium carbonate deteriorate the mechanical properties of the profile. It also increases the density of the profile and results in higher weight/meter, thereby increasing the cost/meter of the profile. x Note: Always compare prices on per meter basis to understand true cost differences
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JOIN THE FENOVA FAMILY



Fenova
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info@fenova.in

+91 9545557915

@fenovaindia

@fenovawindows

@fenovaindia

@fenovaindia

www.fenova.in