



EXPERIENCE ELEGANCE
uPVC windows for every space



Gluven Profiles

We are industry experts in uPVC profile systems, offering high-quality products that adhere to European standards. Our Indian-made uPVC products are known for being best-in-class and cater to a significant portion of the quality market.

Our mission is to passionately serve the quality-conscious market by offering a diverse range of products that seamlessly balance excellence and affordability. Through meticulous design optimization, we create products that epitomize quality, functionality, and aesthetics, all while driving efficiency to minimize costs. We are dedicated to delivering the right product, precisely when and where our customers need it, empowering them to make informed choices and experience unparalleled satisfaction. Our unwavering commitment to superior standards, innovation, and strategic partnerships enables us to not only meet but exceed the expectations of our discerning customers, reinforcing our position as a trusted provider of choice in the market.

Industry Experts: We have an extensive expertise as uPVC system provider.

Indian Make, European Standards: Our products are manufactured in India while adhering to European quality standards.

Quality Focus: We emphasize providing the best quality products.

Market Share: We serve a large portion of the quality market.

A full-page background image featuring a vibrant red curtain with deep vertical folds. A silver-colored window handle is visible in the lower-left quadrant, partially obscured by the curtain's folds.

**Unveil the
Beauty of
Every View**

Gluven Advantages

Wide Range

Gluven uPVC offers a diverse range of products to cater to various preferences and requirements. Whether customers are seeking traditional or modern designs, different sizes, or specific functionalities, our wide range ensures they find the perfect fit for their needs.

High-Quality Compound Formulation with Best Quality RMs

We take pride in using only the finest raw materials and employing an advanced compound formulation process. This commitment to quality ensures that Gluven uPVC products deliver exceptional performance and durability over the long term.

In-Built Gasket Systems

Experience superior insulation, noise reduction, and weather resistance with our innovative in-built gasket systems. These systems contribute to a more comfortable and energy-efficient environment indoors.

Shiny Finish

Elevate the visual appeal of your living spaces with our elegant shiny finish. The glossy surface not only adds a touch of sophistication but is also easy to clean and maintain, keeping your uPVC products looking pristine year after year.

100% Lead-Free

Your health and safety matter to us. Gluven uPVC is crafted without any lead content, ensuring that your well-being and the well-being of your loved ones are always a top priority.

Grill Option

Enhance the security and aesthetics of your space with our convenient grill option. Our uPVC products are designed to seamlessly accommodate grills, providing an extra layer of protection while maintaining the beauty of your windows and doors.

High Impact Resistance

Life is unpredictable, but your windows and doors don't have to be. Gluven uPVC boasts exceptional impact resistance, ensuring that your investment remains intact and functional even in the face of accidental impacts.

Multiple Laminate Options

Personalize your space to reflect your unique style and taste. With a variety of laminate options to choose from, you can match your Gluven uPVC products seamlessly with your interior or exterior design, creating a harmonious and inviting atmosphere.

Introducing our exquisite lineup of windows, where elegance seamlessly intertwines with innovation. Our collection offers an array of meticulously crafted window styles, catering to your every desire. From the timeless allure of our Casement Windows, opening outward with grace, to the contemporary sophistication of our Sliding Windows, effortlessly harmonizing indoor and outdoor spaces, a world of options awaits. Those with an eye for the extraordinary will be captivated by our enchanting Special Windows—each a masterpiece in its own right. And for unparalleled design versatility, our Combination Windows flawlessly blend diverse styles, forging a seamless fusion of both aesthetics and functionality. Embark on the journey of creating a breathtaking home with windows that not only enhance energy efficiency but also exude stylish allure

Sliding Windows



Sliding windows offer a sleek and modern solution for maximizing natural light and airflow. These windows glide horizontally along a track, making them effortless to operate and ideal for spaces with limited clearance. With a contemporary aesthetic and smooth functionality, sliding windows are a great addition to any home seeking a seamless connection between indoor and outdoor living.

2 Track	2.5 Track	3 Track
55 Series	82 Series	98 Series
	88 Series	104 Series
62 Series	93 Series	112 Series

Casement Windows



Casement windows are a timeless and elegant choice for your home. These windows are hinged on one side and open outward with a smooth crank mechanism, allowing for excellent ventilation and easy cleaning. Their classic design adds a touch of sophistication to any space, while the energy-efficient features help keep your home comfortable year-round.

- 55 series
- 62 series

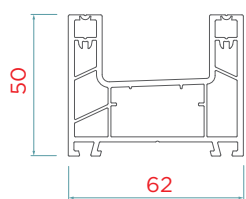
Combination



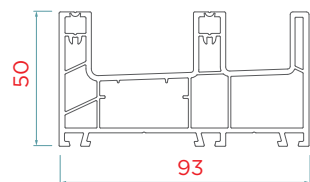
These windows provide a flexible solution, enabling homeowners and builders to customize window openings to suit their unique requirements. They merge various window styles, such as casement with fixed windows or double-hung with picture windows, resulting in a single installation that enhances both adaptability and visual appeal. This diversity offers choices for ventilation, natural illumination, and outdoor scenery.

Sliding System

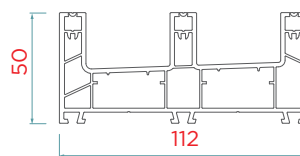
62 Series - Profiles



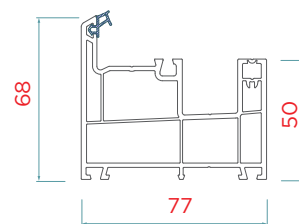
GNS - 620 - FO1
2 Track Outer Frame



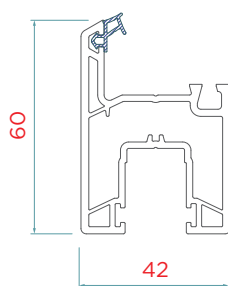
GNS - 620 - FO2
2.5 Track Outer Frame



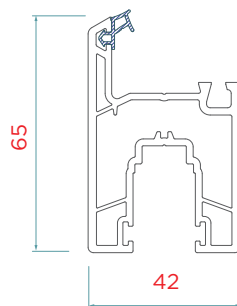
GNS - 620 - FO3
3 Track Outer Frame



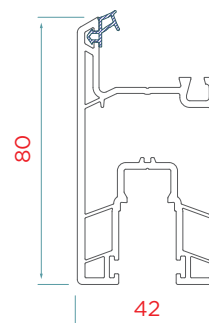
GNS - 621 - FO4
Mono Rail Frame



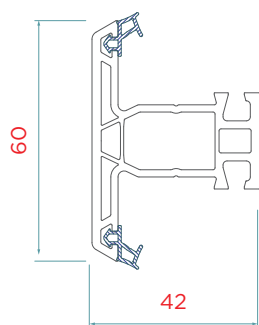
GNS - 621 - SO1
Window Sash



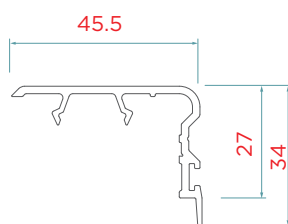
GNS - 621 - SO2
Window Super Sash



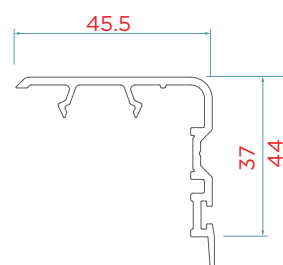
GNS - 621 - SO3
Door Sash



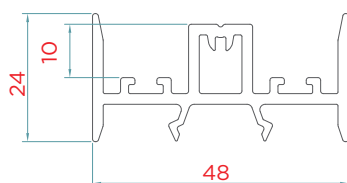
GNS - 621 - TO1
T Mullion



GNS - 620 - LO1
Interlock for Window Sash



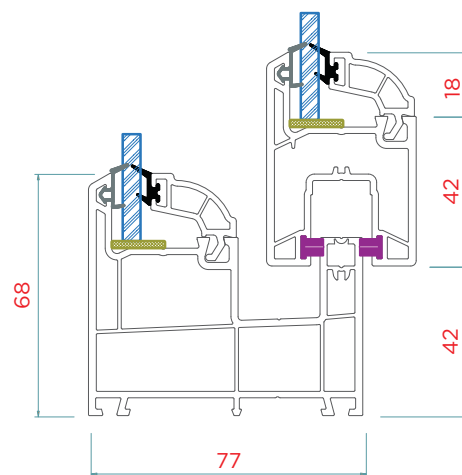
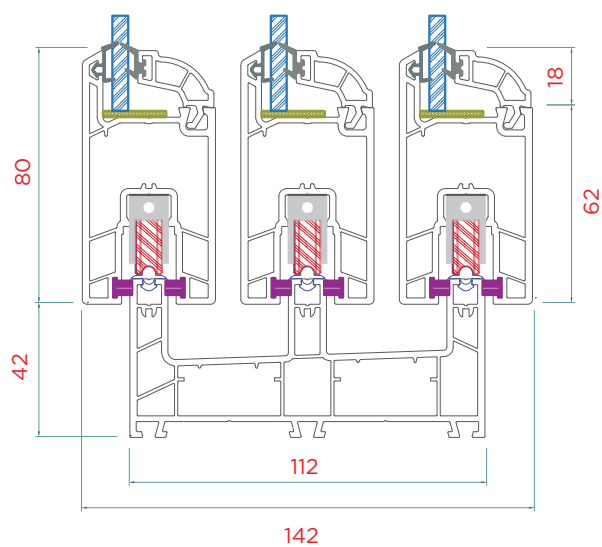
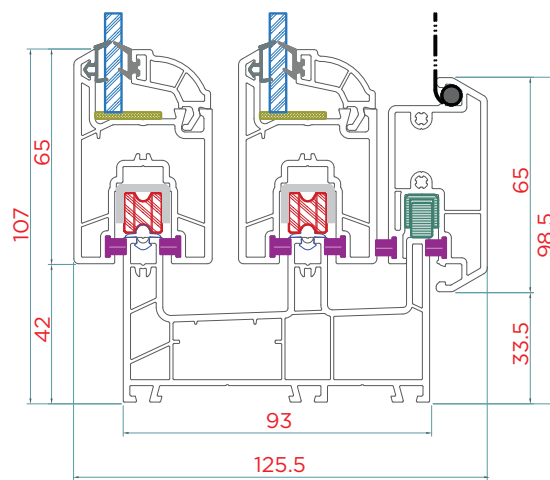
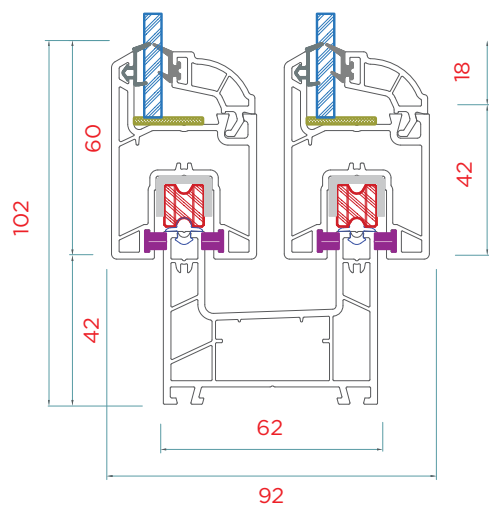
GNS - 620 - LO2
Interlock for Door Sash



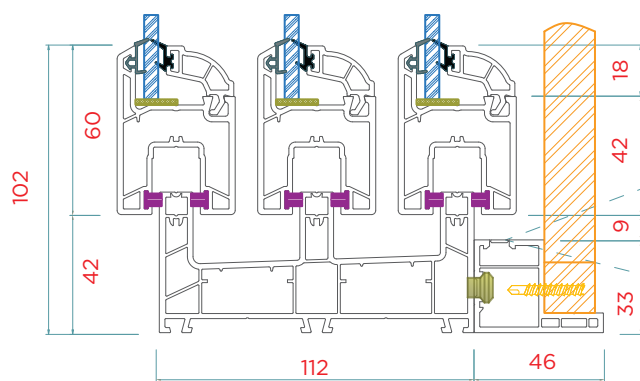
GNS - 620 - AO1
Inline Sash Adapter

Sliding System

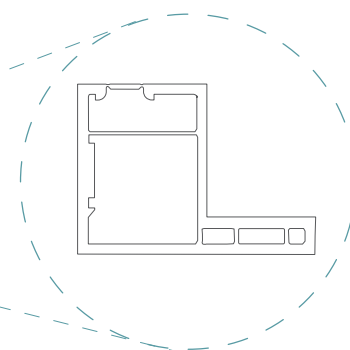
62 Series - Assembly Drawings



Monorail System

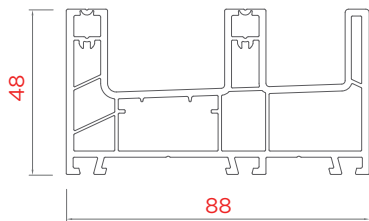


Grill System

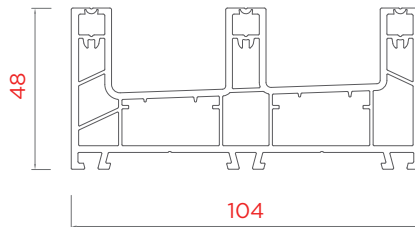


Sliding System

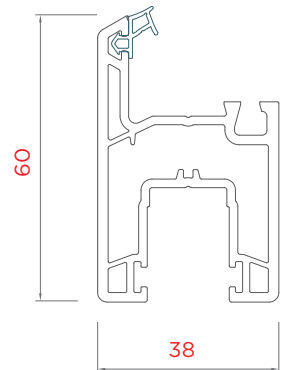
88 Series- Profiles & Assembly Drawings



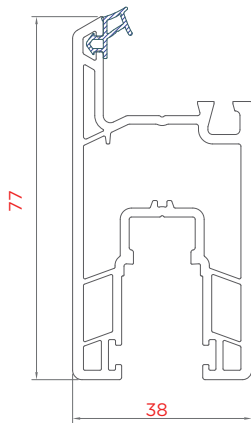
GNS - 880 - Fo2
2.5 Track Outer Frame



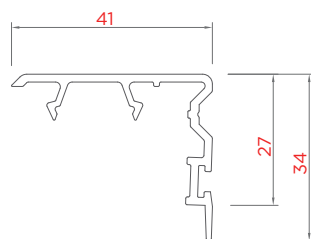
GNS - 880 - Fo3
3 Track Outer Frame



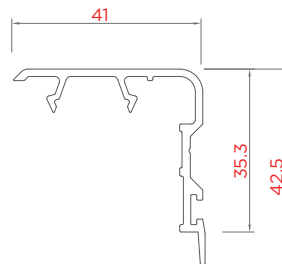
GNS - 881 - So3
Window Sash



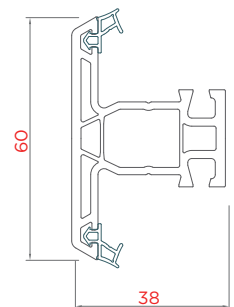
GNS - 881 - So4
Door Sash



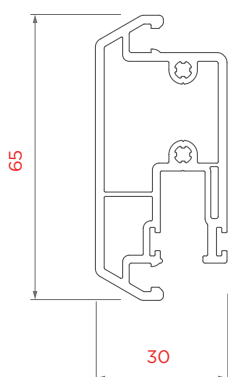
GNS - 880 - Lo1
Interlock For Window Sash



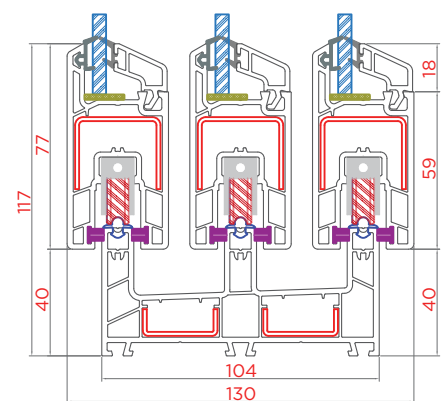
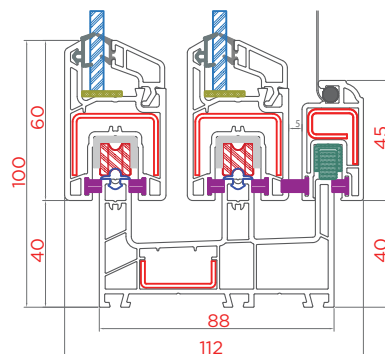
GNS - 880 - Lo2
Interlock For Door Sash



GNS - 881 - To2
T Mullion

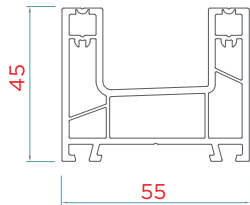


GNS - 880 - Mo1
Door Bug Screen Sash

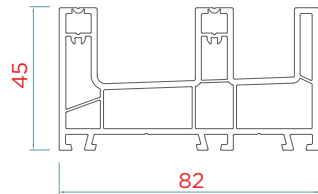


Sliding System

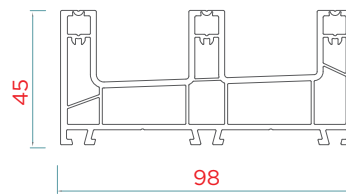
55 Series - Profiles & Assembly Drawings



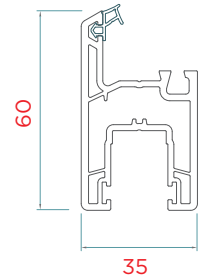
GNS - 550 - F01
2 Track Outer Frame



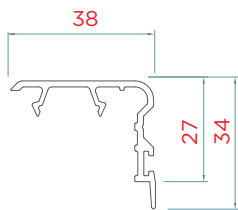
GNS - 550 - F02
2.5 Track Outer Frame



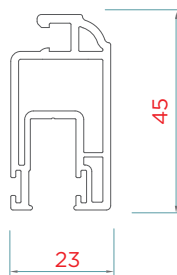
GNS - 550 - F03
3 Track Outer Frame



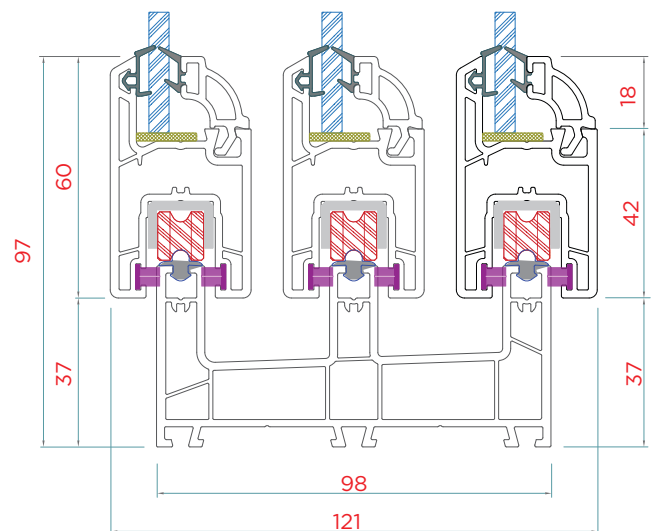
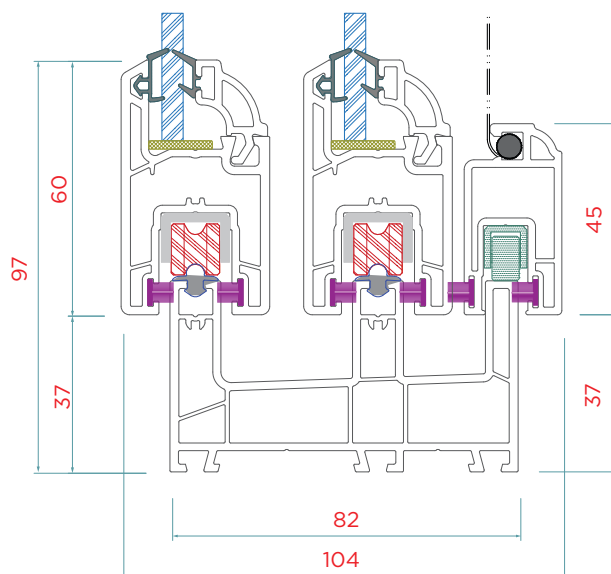
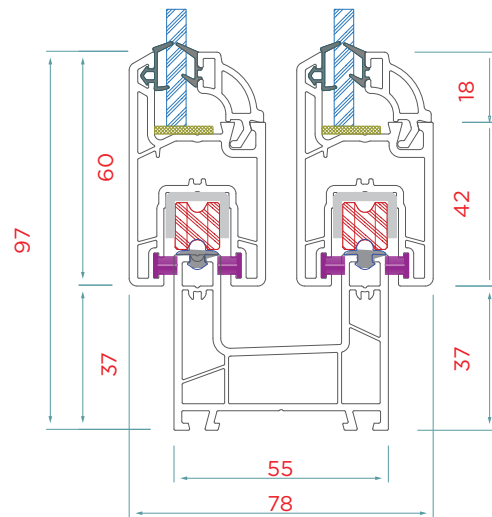
GNS - 551 - S01
Window Sash



GNS - 550 - L01
Interlock For Window Sash

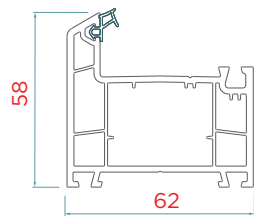


GNS - 550 - M01
Window Bug Screen Sash

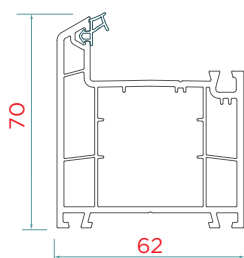


Casement System

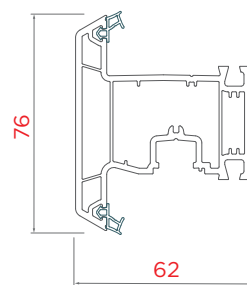
62 Series - Profiles & Assembly Drawings



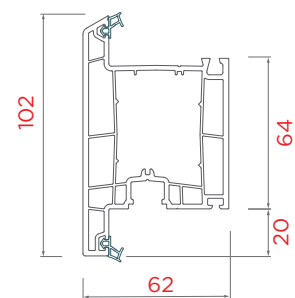
GNC - 621 - F01
Window Outer Frame



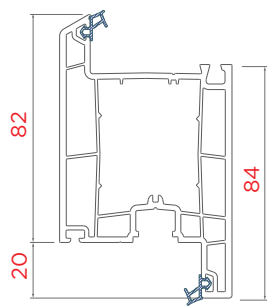
GNC - 621 - F02
Door Outer Frame



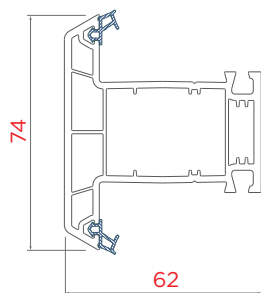
GNC - 621 - S01
Outward Opening
Window Sash / T Mullion



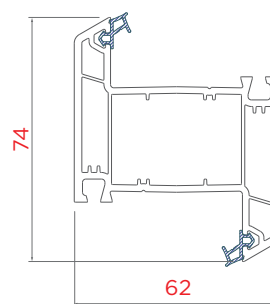
GNC - 621 - S02
Outward Opening Door Sash



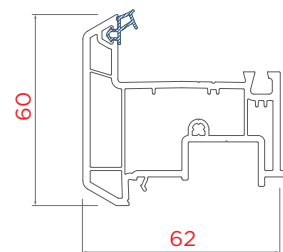
GNC - 621 - S04
Inward Opening Door Sash



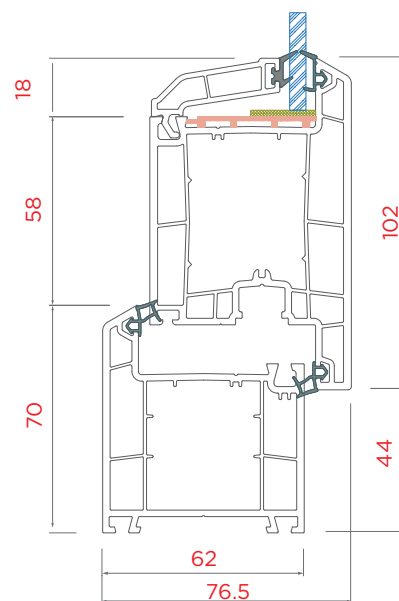
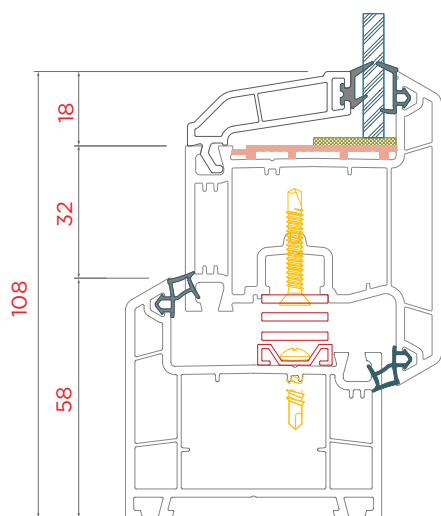
GNC - 621 - T01
T Mullion



GNC - 621 - T02
Z Mullion

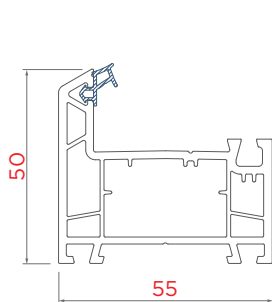


GNC - 621 - T03
Fly Mullion

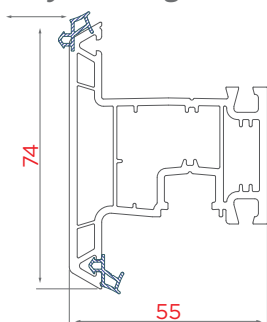


Casement System

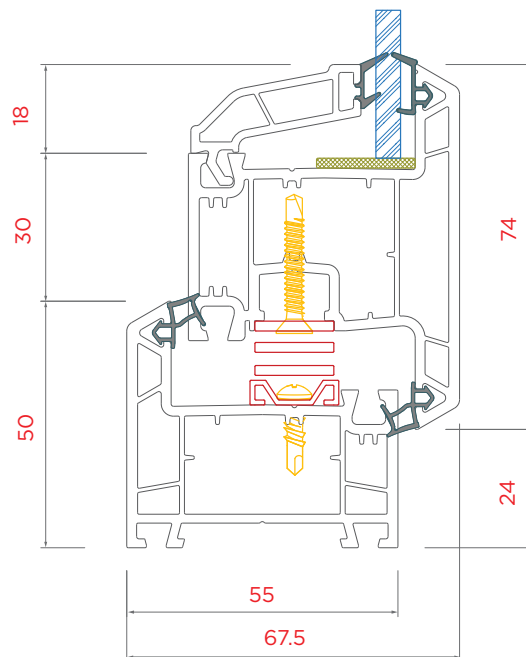
55 Series - Profiles & Assembly Drawings



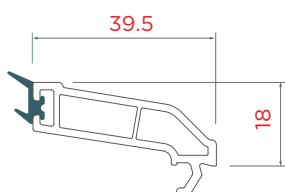
GNC - 551 - F01
Window Outer Frame



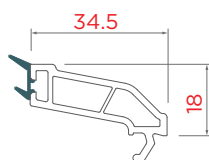
GNC - 551 - S01
Outward Opening Window
Sash / T Mullion



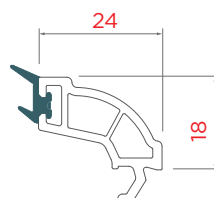
Glazing System



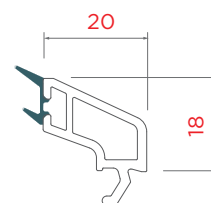
GNA - 181 - B01
Glazing Bead - 40 mm



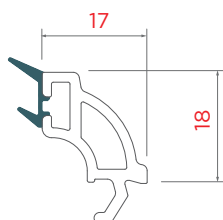
GNA - 181 - B02
Glazing Bead - 35 mm



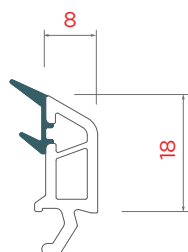
GNA - 181 - B03
Glazing Bead - 24 mm



GNA - 181 - B04
Glazing Bead - 20 mm



GNA - 181 - B05
Glazing Bead - 17 mm

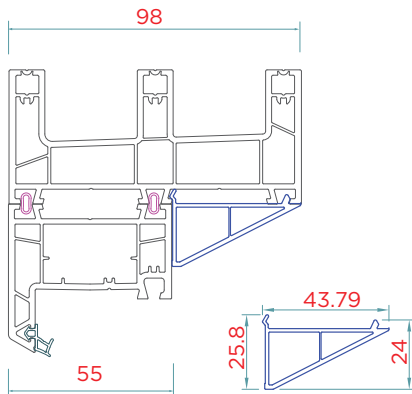


GNA - 181 - B06
Glazing Bead - 8 mm

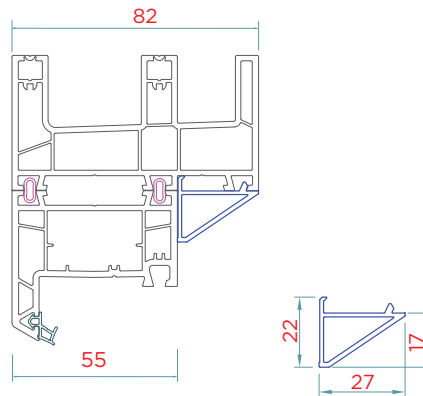
Glazing Options

	62 Casement	55 Casement	62 Sliding	88 Sliding	55 Sliding
 GNA - 181 - B01	 4,5,6,8				
 GNA - 181 - B02	 8,10,12	 4,5,6,8	 Mesh		
 GNA - 181 - B03	 18,20,22	 16,18	 4,5,6		
 GNA - 181 - B04	 24,26	 20,22	 8,10,12	 4,5,6,8	
 GNA - 181 - B05	 28,30	 24	 12,14	 8,10,12	 4,5,6,8
 GNA - 181 - B06	 32,34,36	 26,28,30,32	 18,20,22,24	 14,16,18	 10,12

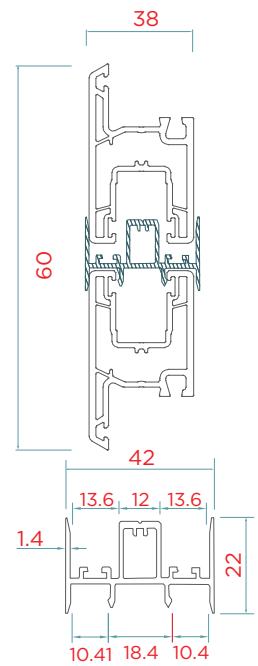
Aluminium Systems



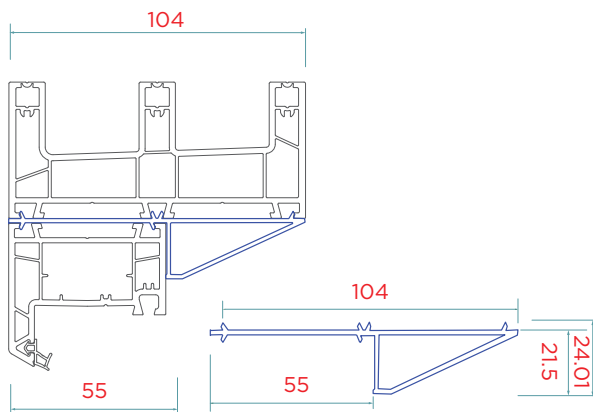
ANA - ALM - A01
98/55 Coupler for 3 Track



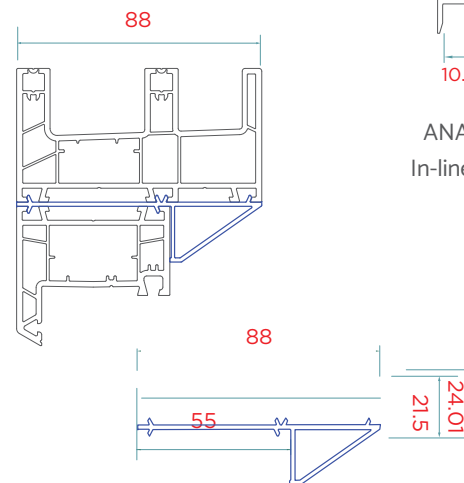
ANA - ALM - A02
82/55 Coupler for 2.5 Track



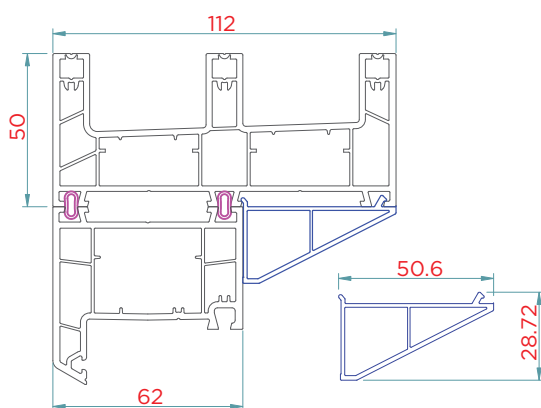
ANA - ALM - A07
In-line Sash Adaptor



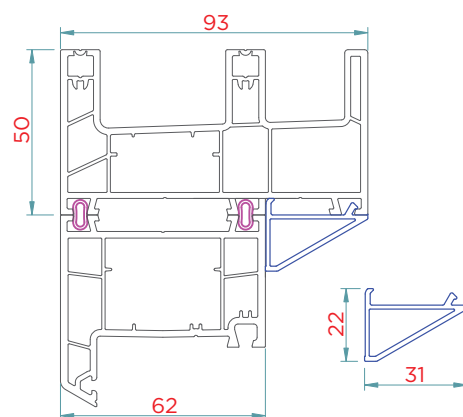
ANA - ALM - A03
104/55 Coupler for 3 Track



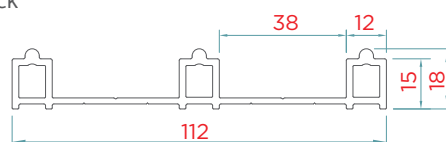
ANA - ALM - A04
88/55 Coupler for 2.5 Track



ANA - ALM - A05
112/62 Coupler for 3 Track

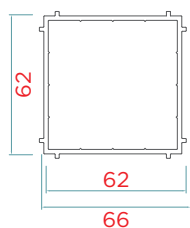


ANA - ALM - A06
93/62 Coupler for 2.5 Track

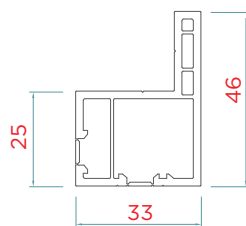


ANA - ALM - A21
3 Track Sliding Low Threshold

Auxiliary Systems



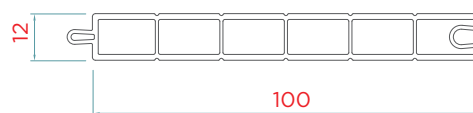
GNA - 160 - A01
62X62 Square Pole



GNA - 160 - A02
Multi Functional Frame



GNA - 160 - A04
Concealed coupler



GNA - 160 - A03
Door Panel Profile 12mm

Most of the uPVC market is dominated by unorganised players who offer cheap, imported profiles of inferior quality. These players take advantage of customer unawareness about the required quality standards. Using low-quality uPVC profiles can lead to issues such as

- Brittleness
- Colour fading (resulting in yellowness)
- Profile deformation

In the continuous efforts to improve customer awareness about quality, Gluven presents the following distinctive features to help customers make informed choices.

Gluven	Low quality profiles
Manufactured in India	Mostly Chinese make
Raw-material of finest grade from European companies	Low grade raw material mostly of Chinese make
Unique profile designs for better aesthetics and functional benefits	Standard & very common designs
Adequate weight of profiles with low content of Calcium carbonate	Heavier sections with excess content of Calcium carbonate
Wall thickness ranging from 2.2 mm to 2.4 mm for better weld strength	Wall thickness < 2 mm resulting in poor weld strength
Best compound formulation to ensure UV Resistance and impact strength	Poor compound formulation resulting in Discolouration & brittleness
High glossiness	Mat finish
Lead-free profiles	Leaded profiles
In-house laboratory testing to ensure perfection at every stage	Not applicable
Third party certification from Top-notch Indian laboratories	Not applicable
Co-inserted Lead-free TPE Gasket	Co-extruded PVC gasket with lead content
Technical support to the customers	Not applicable
Responsibility for post-sales service	Not applicable
Factory visit for customers for better product understanding	Not applicable

World of Colours



Mahogany



Walnut



Golden Oak

Warranty

10 YEARS WARRANTY
On Regular Profiles for

- Discoloration
- Cracking
- Manufacturing Defect

20 YEARS WARRANTY
On Laminated Profiles

Quality Tested

Test	Standard	Specification	Result
Appearance	EN 12608	Colour should be equal , smooth & flat	Pass
Glossiness	ISO 2813	> 20 GU	36 GU
Colour	ISO 105	L > 93 A 0.1 to 0.8 B 2.4 to 3.1	L 95.87 A 0.38 B 2.8
Hardness	ASTM D2240	> 70 D	73 D
Heat reversion	EN 479	< 2%	1.6%
Heat aging	EN 478	No surface defects occur	Pass
Cold drop impact test	EN 477	< 10% Breakage	Pass
Izod impact test	EN 180	> 20 Kj/m ²	88 Kj/m ²
Charpy impact test	EN 179	> 20 kj/m ²	45 kj/m ²
Vicat softening temperature	EN 306	> 70°C	86°C
Tensile strength	EN 527	> 35 Mpa	32.3 Mpa
Marking	EN 12608	Identification marking	Pass
Dimensions	EN 12608	Should be in tolerance	Pass
Surface flatness	EN 12608	< 0.3 mm	0.1 mm

Test Certificates



भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

**For any other
communication**

Address: HYDERABAD BRANCH
OFFICE
Plot no 1, Sy no 367/1,
Industrial Development
Moula ali, Hyderabad
Pune 411 037
Phone: 040-27249993, 27249991
Fax: 04027249991
E-Mail: hybo@bis.gov.in
Web: www.bis.org.in,
www.manakonline.in

Our Ref :HYBO/CM/L 6300123691

Dated:
27-12-2024

Subject: Grant of BIS Certification Marks Licence No 6300123691 as per IS 17953: 2023.

M/S PROZONIC EXTRUSIONS PRIVATE LIMITED
SY NO. 78/P, 79 /P, SIDDIPET, BANDA MALIRAM
SIDDIPET-502336 TELANGANA, INDIA

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks
Licence has been granted to you to use the Standard Mark in respect of the followings:
uPVC Profiles for Windows and Doors

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2.The number assigned to this license is CM/L- 6300123691 which has been made operative from 2024-12-08 and is valid upto 2025-12-07. The license number should invariably be referred to in your future correspondence.

According to sub-regulation (1) &(3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS(Conformity assessment) Regulation 2018 is payable by you with effect from 2024-12-08 for the period of validity of the license in advance.

3. Minimum marking fee stipulated in Annexure -I of scheme I of BIS (Conformity Assessment) Regulation 2018 is payable by you regardless of the whether you actually mark your product or not with the Standard Mark.**Our Receipt No.** AA62PC2024007426 dated 2024-12-11 for the license fee and the minimum marking fee for the first operative period is already *issued/enclosed/being sent separately.

4. This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher shall be payable by you at the time of renewal.

5.With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months comprising the last three months of

Prozonic Extrusions Pvt Ltd is the OEM for GLUVEN Brand of uPVC Profiles

Test Certificates

account for calculating the marking fee payable.

6.The Scheme of Testing and Inspection submitted by you and agreed by BIS or the Scheme of Testing and Inspection as specified by BIS will have to be implemented by your organization strictly and completely. This supervision of the operation of the Scheme shall be done by a person responsible for the quality control function in your organization. Kindly inform us the name and designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.

7.We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.

8.On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literatures etc. will be destroyed/obliterated.

9.This license is granted for your factory situated at SY NO. 78/P, 79 /P, SIDDIPET, BANDA MALIRAM, SIDDIPET-502336 TELANGANA, INDIA. Privileges under shall not be exercised by any other firm company/factory etc. This license is not transferable in the event of shifting the manufacturing and testing equipment from the shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by us in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the license..



ATMY ANALYTICAL LABS PVT.LTD.

I-30, DLF Industrial Area, Phase-I, Faridabad (Haryana) INDIA
Phone: +91-129-4019544
info@atmylabs.com, www.atmylabs.com

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TEST REPORT

Report No.: **24M293D**

Page 1 of 4
Date: 24-09-2024

Issued To:

M/s PROZONIC EXTRUSIONS PRIVATE LIMITED
SY NO.78/P, 79/P, SIDDIPET, BANDA MAILARAM, SIDDIPET,
SIDDIPET, TELANGANA, INDIA - 502336

Sample Description : SAMPLE CODE- 10461831/2024/SS/4, QR CODE- 100000785340
Sample Received Date : 17-08-2024
Sample Drawn By : Client
Specification : --
Test Requested : TEST AS PER IS 17953:2023
Test Method : Refer to Attached Pages.
Test Result : Refer to Attached Pages.

Authentication: To Check authenticity of Test report (s), Scan QR code to get original data.



BIS, DGQA & Various Govt. Approved Laboratory
ISO 9001 : 2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Laboratory

Terms & Conditions:

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TEST REPORT

Report No.: 24M293D

Page 2 of 4
Date: 24-09-2024

PART -A: PARTICULARS OF SAMPLE SUBMITTED:

Nature of sample : UPVC Profile for Windows and Doors
Grade/Variety/Type/Class : UPVC Profile - Mono Extrusion Profile
Brand Name, if any : -
Declared Value, if any : Width -58 mm, Depth - 62.0mm, Thickness - 2.3 mm,
Mass of profile 0.98 kg/m, e - 28.7mm, W - 5454.5 mm³,
10461831/2024/SS/4
Code No. : -
Designation Code : -
Batch No. & Date of Mfg. : GNC 621-F01 & 25 Jul, 2024
Quantity of sample received : 10 nos. of 1m profile, + 10 nos. of welded pieces as per Weldability,
Condition of sample received : Satisfactory
Mode of packing : -
Manner of seal : -
Manner of Signature : -
Other information if any : -

PART-B: SUPPLEMENTARY INFORMATION:

- a) Reference to the sampling procedure, wherever applicable: N/A
b) Supporting to the documents for the measurement taken and result derived like graph, table, sketches, and/or photographs as appropriate to test report, if any [To be attached]: N/A
c) Deviation from the test methods as prescribed in relevant ISS/work instruction, if any: N/A

PART - C: TEST RESULTS:

TEST REPORT AS PER IS 17953:2023

I. Chemical & Mechanical

Test Method: IS 17953:2023

Test performed on: 17-08-2024 to 24-09-2024

Sr. no	Clause No.	Test (s)	Unit	Requirement	Result obtained
1	5.1.1	UV Resistant Virgin Material	--	UV resistant / Non UV resistance	NA
		Vicat Softening Temperature as per IS 13360 (Part 6/Sec 1)	°C	≥ 75.0 Average	78.0
		Flexural Modulus of Elasticity as per IS 13360 (Part 5/Sec 7)	N/mm ²	≥ 2200.0 Average	2356
		Tensile Impact Strength as per IS 13360 (Part 5/Sec 27)	kJ/m ²	≥ 2000.0 Individual ≥ 600.0 Average	2280 617
2	5.2	Appearance of uPVC Profile (as per IS/ISO 105-A01)	--	≥ 450.0 Individual	590
				The colour of the profile shall be the same and uniform on all visible surfaces,	Satisfactory
				The surfaces of the profiles shall be smooth and free from pitting, impurities, cavities and other surface defects when viewed in accordance with 6.1	Satisfactory
				The edges of the profiles shall be clean and burr-free	Satisfactory

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TEST REPORT

Report No.: 24M293D

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 Date: 24-09-2024

Sr. no	Clause No.	Test (s)	Unit	Requirement	Result obtained
		L	--	≥ 82	99.0
		a	--	$-2.5 \leq a^* \leq 5$	0.64
		b	--	$-5 \leq b^* \leq 15$	1.66
3	5.3	Dimensions and Tolerances			
		Depth (D)	mm	58.0 ± 0.3	58.10
		Width (W)	mm	62.0 ± 0.5	62.18
		Sight visible surface wall thickness	mm	2.3 (-10 % max)	2.28
		Sight visible surface flatness,	mm	0.3 max.	0.20
		Parallelism	mm	0.5 max.	0.30
4	5.3.4	Straightness	mm	1 max.	0.60
5	5.4	Mass of profile	%	Not less than 95	99.2
6	5.5	Heat Reversion			
		Main profile	%	≤ 2.0	0.66
		Difference of heat reversion	%	≤ 0.4	0.12
		Auxiliary profiles	%	NA	NA
7	5.6	Resistance to Impact of Falling Mass	--	No more than one test specimen shall show rupture in the tested external sight visible surface. For co-extruded uPVC profiles, delamination of co-extruded layer shall be considered as a failure	No failure observed
8	5.7	Heat Ageing	--	The profiles shall not show defects such as blisters, cavities, cracks and surface peel offs on any of the surfaces. For co-extruded uPVC profiles, delamination of co-extruded layer shall be considered as a failure.	Satisfactory

Authentication: To Check authenticity of Test report (s), Scan QR code to get original data.



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TEST REPORT

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Date: 24-09-2024

Sr. no	Clause No.	Test (s)	Unit	Requirement	Result obtained
9	5.8	Weldability			
	5.8.1	Tensile Bending Test	N/mm ²	≥ 20 Individual value > 25 Avg. value	27.8 28.9
	5.8.2	Compression Bending Test	N/mm ²	≥ 28 Individual value > 35 Avg. value	37.0 38.2
10	5.9 Table 3	Charpy Impact Strength (before artificial Weathering)	kJ/m ²	≥ 65	68.0
11	5.10.3 Table 3	Charpy Impact Strength (after artificial Weathering)	kJ/m ²	≥ 52	Test Under Process
		Max. Impact of Reduction (after artificial Weathering)	%	20	Test Under Process
12	5.10.4	Colour Fastness (after artificial Weathering)	--	ΔE - ≤ 5 Δb- ≤ 3	Test Under Process
13	5.11	Density	g/cm ³	1.40 to 1.50	1.47

PART – D: REMARKS: The above submitted sample/product conforms to the requirements of IS 17953:2023 with respect to above test only.

Note: 1) Selection of samples for individual test have been done in accordance with respective clauses of IS 17953:2023
2) Details of sub-contracted: Nil
3) Remnant samples will be disposed off after 03 months from the date of issue of test report.

-----End of Report-----



Rahul
ASSISTANT MANAGER- TESTING
Authorised Signatory

Authentication: To Check authenticity of Test report (s), Scan QR code to get original data.



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Test Certificates

SGS

TEST REPORT

Report No. : MAN:TR:1453022235

ISSUE DATE : 21-11-2023

PROZONIC EXTRUSIONS PRIVATE LIMITED

SY NO.78/P, 79/P, BANDA MAILARAM

Siddipet-502336

IN

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION

SAMPLE NAME Gluven Building Systems pvt Ltd.

COUNTRY OF ORIGIN

INDIA

DATE OF REGISTRATION

13/10/2023

TESTING PERIOD : 27-10-2023 - 04-11-2023

TEST(S) REQUESTED

RoHS 10 Elements (Pb, Hg, Cd, Cr6, PBB, PBDE, DEHP, BBP, DBP, DiBP)

Test Description	Remarks
ROHS 10E	Pass

CONCLUSION : Based on the performed tests on selected part of submitted samples, the results of Lead, Mercury, Cadmium, 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) **comply** with the limits as set by Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Per Pro SGS India Private Ltd



Authorized Signatory

Durgesh Pandey

(Asst. Manager)

Email your Test Report Related Enquiries at Feedback.trp@sgs.com

JOE No. : 2353804525

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Control No.: 1453522092

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TEST REPORT

Report No. : MAN:TR:1453022235

ISSUE DATE : 21-11-2023



Sample Photo: As received



Note : Test performed as per the conditions given by the client.
Above test has been subcontracted to SGS Pune Lab

*** End of Report ***

JOE No. : 2353804525

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सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोकेमिकल इंजीनियरिंग एण्ड टेक्नोलॉजी
चेरलापल्ली, हैदराबाद-५०० ०५९.
CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY
Cherlapally, Hyderabad - 500 051.



Test Certificate

No.: 0139281

Continuation Sheet

REPORT No. 2400128/2
PART - C

Page 2 of 2

TEST RESULTS

S.No.	Test	Test Method	Results obtained	Unit
			Given	
1.	Bulk Density	ASTMD 792	1.52	g/cc
2.	Hardness Shore D	ISO 53505	73.0	D
3.	Heat Ageing at 150°C/30min	ISO 478	No Cracks & Bubbles Observed	-
4.	Resistance to Impact by falling Mass. (1kg mass dropped from 1000 mm height/conditioned @ -10°C)	ISO 477	(0/10) 0% No Failure Observed Confirmed	-
5.	Izod Impact Strength (Notched)	ISO 180	88.0	KJ/m ²
6.	Vicat Softening Point	ISO 306	86.0	°C
7.	Tensile Impact	ISO 8256	657.0	KJ/m ²
8.	Flexural Modulus of Elasticity	ISO 178	4140.0	MPa
9.	Heat Reversion (at 150°C / 1 hr)	ISO 479	1.6	%
10.	Welding Strength of Corners & T-Joint	EN 514/ BS 7412-2007	No Sign of Fracture Observed	-
11.	Tensile Strength	ISO 527	32.3	MPa
12.	Elongation at Break	ISO 527	61.0	%
13.	Deviation from Straightness	CIPET Method	No Deviation Observed	-

PART D: REMARKS: Nil

- NB: 1. This Test Report/Certificate is issued only for the samples submitted to CIPET.
2. The results stated above related only to the items tested.
3. The report shall not be reproduced in full/part without written approval of the laboratory.
4. The quality of the subsequent production lot has to be ensured by the purchaser.
5. Any anomaly/discrepancy in this report should be brought to the notice of CIPET within 30 days from the date of issue.

Ch. Venkatesh
Sr. Technical Asst. (SG)
AUTHORISED SIGNATORY

Dr. V. Kiran Kumar
Chief Manager (T)
AUTHORISED SIGNATORY



IS 17953-2023

CM/L 6300123691



GLUVEN

Corp Office: Sri Ramchandra Arcade, D.No.8-2-293/2/IIII/573/M,
2nd Floor, Road No.82, Jubilee Hills, Hyderabad – 500096

Unit - 1: Survey No. 78/P & 79/P, Banda Mailaram Village, Mulug Mandal,
Siddipet Dist., Hyderabad - 502 336, Telangana, India

Unit - 2: Plot No: 3-1, Survey No. 312, Dr. Reddy's Enclave, Coco Cola Road,
Bachupally, Hyderabad - 500 090, Telangana, India

Toll Free No.: 1800-212-1744

website: www.gluven.com