



# SIMTA Astrix

## uPVC Window and Door Profiles

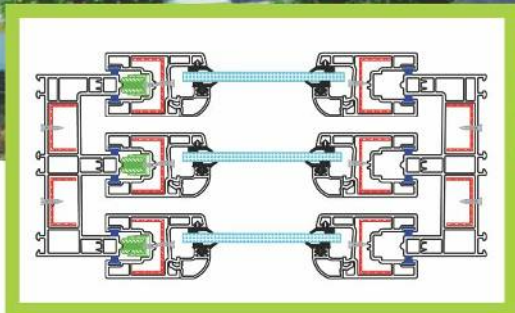


ISO 9001:2015  
Certified Company

Minding  
the next  
Generation



Profiles made in INDIA for INDIA



## ABOUT US

SIMTA a prestigious group located at Coimbatore, engaged in the business over 26 years, manufacturing of textile machineries and spares.

The group had taken a diversification into the construction Industry, by the way of manufacturing UPVC Window & Door profiles since from 2013.

State of the art manufacturing facility with the standardized process and qualified raw materials helps to attain a good market share in a short period.

## BUSINESS EXCELLENCE

- 2017 Installed a profile Lamination plant for manufacturing of wood grain structured profiles.
- 2017 Due to the overwhelming response from the market by quality & service, market share has been increased. Hence the production capacity increased to 4800 TPA.
- 2016 Increased production of Upvc windows profiles to a capacity of 3600 TPA.
- 2014 To fulfil the demand and supply gap, SIMTA has increased the production capacity to 1500 TPA.
- 2012 Given a good potential in the market and also the product preserves the nature and positive possibility on energy saving, SIMTA group has diversified into the manufacturing of UPVC WINDOW & DOOR PROFILES with an installed capacity of 900 TPA, besides the excellent track record and intention of diversification in business.
- 2006 SIMTA machinery private limited has the collaboration with the undisputed world leader in OVERHEAD TRAVELLING CLEANER C-PORT JACOBI-GMBH, GERMANY.  
SIMTA MACHINERY PRIVATE LIMITED started in the year of 2002 to manufacture overhead travelling cleaners, bobbin transport systems and other textile ancillary equipments.
- 2001 SIMTA CLEAR COATS PRIVATE LIMITED is incorporated to manufacture FLOCKED CLEARER ROLLERS, CLEARER ROLLER CLEANING MACHINE, AND AUTOFEEDER for cleaning machine, and becomes the only approved supplier of clearer rollers to the top global OEM's like KTTM, REITER, ZENSER, TOYOTA, MARZOLI, ...  
SIMTA MANUFACTURING COMPANY incorporated in the year of 1991 to manufacture SPINDLE TAPES.



## PRODUCT DESCRIPTION

SIMTA ASTRIX upvc Profiles all set to a modern trend in saving the energy, maintenance free, Aquatic proof, Thermal insulation and with best Aesthetics.



- Regular white profiles are available in two types with Lead and Lead free.
- All type of main profiles and Ancillary profiles in 60 series to manufacture any type of window, doors and special partitions.
- As a high end product SIMTA ASTRIX also manufacture and supply of Laminated (Wood grain structure) Profiles.
- Laminated profiles are produced from Turkish and USA Machines. The Laminated film and glue are procured from globally approved manufacturers like Renolit and Klebrit.
- Presently Three shades are available for your requirements, GOLDEN OAK, WALNUT, MAHOGANY.



GOLDEN OAK



WALNUT



MAHOGANY



## ADVANTAGES

- Profiles are tested as per international standard BIS EN 12608. At CIPET, Chennai, SGS Lab and Shriram Institute, New Delhi.
- High UV Strength suitable for Indian climatic condition.
- High impact strength.
- Three chambered design makes it aquatic proof.
- Best surface finish provides superior aesthetics.
- Resistance to alkaline and most of the chemicals.
- Energy saving as it is having better thermal insulation.
- Helps in a greener world by replacing wooden windows and doors.





## PRODUCT QUALITY

- We have setup an advanced laboratory to test our profiles in accordance to various standards.
- Since the property testing of profiles conducted in short intervals, Consistent in quality is assured.
- We proudly claim about our quality regarding color change, we have installed windows in India's hottest area Rajasthan during 2014 and still it is looking good and no color change observed.
- Since the profile raw materials are designed to suit for an extreme climate like India we will assure the quality in color change.



# OUR STRENGTH





# CERTIFICATE



ISO 9001:2015  
Certified Company

**TEST CERTIFICATE**

Report No. **2019/0114-16** Date: **19.03.2019**

Client: **SIMTA CLEAR COATS PRIVATE LIMITED**

Address: **No. 418, Sonamar Road, Muthugounderpet (Post), Sullur, Coimbatore - 641 406, India.**

Tested on: **02863**

Report No. / IMPORT No.: **46595**

Page: **02** of **03** Nos. **PH.A.B.C & D**

Page / Date: **03<sup>rd</sup> June 2019**

Tested as per: **ISIRI / TEST REPORT AS PER STANDARD - ISIRI Part C**

Part: **II - B (PART - A)**

Particulars of Sample Submitted: **UPVC Window Profile DATA as stated by the party**

No.	Property	Test Standard	Unit	Standard Value	Result
1	Wall Thickness Right Surface	IS 12068 : 2009	mm	Min. 3.00 mm	3.2
2	Wall Thickness from Right Surface	IS 12068 : 2009	mm	Min. 1.00 mm	1.3
3	Resistance to Impact @ 20°C	IS 12068 : 2009	-	No Break	No Break
4	Falling Mass 1000 Grams, Falling height: 1200mm	IS 12068 : 2009	mm	Min. 1 mm	0.6
5	Distortion from Straightness	IS 12068 : 2009	mm	Min. 1 mm	0.6
6	After Heat Aging @ 100°C for 24 hrs.	IS 12068 : 2009	-	No Colour change, No Cracks and checks are not allowed	No Colour change, No Cracks and checks are not allowed
7	Visual Appearance	IS 12068 : 2009	-	Change in length	Change in length
8	Change in Length	IS 12068 : 2009	%	Max. 7%	1.4
9	Charpy Impact Strength Before and after UV Weathering Test	IS 12068 : 2009	kJ/m <sup>2</sup>	20 kJ/m <sup>2</sup>	No Break Up to 20 kJ/m <sup>2</sup>
10	Charpy Impact Strength after UV Weathering Test	IS 12068 : 2009	kJ/m <sup>2</sup>	20 kJ/m <sup>2</sup>	No Break Up to 20 kJ/m <sup>2</sup>
11	Delta E	IS 12068 : 2009	-	< 5	0.20
12	Delta B	IS 12068 : 2009	-	< 1.5	0.30
13	Grey Scale Reading	ISO 105-A06	-	Upper - 1, lower - 4	4
14	Fluorescence	ASTM D 790	N/m <sup>2</sup>	200	200
15	Water Absorption	ASTM D 1535	%	> 75	90
16	Flammability	ASTM D 635	mm/min	Self extinguishing	Self extinguishing
17	Thermal Conductivity @ 20°C	ASTM D 5339	W/m.K	< 0.2	0.181
18	Mean Temperature	ASTM D 5339	°C	< 40	40
19	Linear Expansion	ASTM D 5339	%	< 0.1	0.08
20	Yield Strength @ 0.2% Strain	ASTM D 638	Mpa	> 42	40
21	Charter Resistance	-	-	No Characteristics Change	No Characteristics Change
22	With Concentrated HCl	-	-	No Characteristics Change	No Characteristics Change
23	With 10% aqueous solution of NaOH	-	-	No Characteristics Change	No Characteristics Change

**SHIRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH**  
(A Unit of Shiriram Scientific and Industrial Research Foundation)

18, Sonamary Road, 64114 (India) Website: www.shiriram.org  
A-100, No.1, 1001 & 1005 (INDIA) Certified Institute E-mail id: cs@shiriram.org

**TEST CERTIFICATE** No. / CI: **008842021**

Client: **SIMTA CLEAR COATS PVT LTD**

Address: **418, SONAMAR ROAD, MUTHUGOUNDERPET POST SULLUR, COIMBATORE, TAMILNADU - 641 406**

Client Name: **MR. S. KISHAN MOORTHY**

Sample Description: **UPVC WINDOW PROFILE, MODEL: SIMTA, WA RECEIVED.**

Sampling was not carried out by Shiriram Institute for Industrial Research. Sample details provided in the test certificate are based on declaration by the party.

No.	Tests	Results	Protocol
1	Limiting Oxygen Index, %	30	As per ASTM D 2839-08
2	Water absorption, %	0.04	As per DIN 52082-4
3	Flexural Modulus of Elasticity, Mpa	2412	As per ISO 179-10
4	Yield Softening Temperature, C	86	As per ISO 178-04
5	Load Impact (Pendulum Ball) (see method)	115	As per ASTM D 2246-04
6	Behaviour after ageing (at 100°C for 24 hours)	No visual defects observed	As per EN 478-06
7	Shore Hardness D	79	As per ISO 866-03
8	Heat Expansion, %	1.3	As per EN 478-06
9	Moisture uptake, %	1.008	As per DIN 52082-4
10	Thermal Conductivity, w/m.k	0.15	As per ISO 22067:04 7-11
11	Accelerated Weathering test (Exposure condition: Duvalein : 284 hrs, Moisture: 212 hrs, Long UVB, Irradiance: 0.47 w/m <sup>2</sup> , Cycle : 8 hrs of UV cycle at 25°C, 4 hrs of condensation at 45°)	No visual change observed	As per ASTM G 154-08

Authorised Signatory: *[Signature]*  
EMPLOYEE CODE: 4259

**SGS** TEST REPORT DATE: **01/11/2019**

Report No.: **1007916400020351-1**

Client: **SIMTA CLEAR COATS PRIVATE LIMITED**

Address: **No. 418, SONAMAR ROAD, MUTHUGOUNDERPET POST SULLUR, COIMBATORE - 641 406, INDIA**

Product: **UPVC WINDOW PROFILE**

Quantity of Order: **INDIA**

Sample Description: **UPVC WINDOW PROFILE**

Tested as per: **ISIRI / TEST REPORT AS PER STANDARD - ISIRI Part C**

Sample no	Test name	Test method	Observation
440020001	Yield strength	ASTM D638-2010	43.60 MPa
440020002	Elongation	ASTM D638-2010	118.21%
440020003	IMP impact	ASTM D2240-2010	161.70 KJ/M <sup>2</sup>
440020004	Hardness	ASTM D2240-2010	75
440020005	UV	EN 12008	UV : 2.01 UV : 1.5 Yellow : 18.57 IU/m <sup>2</sup> Blue : 12.18 IU/m <sup>2</sup>

For Pro. BDD India Private Ltd.

Authorised Signatory: *[Signature]*  
S. Purushothaman  
S. Purushothaman (Signature)

**TEST REPORT**

Report No: **TUV/01/19/0114-16/111902163**

Issue: **01 Dec 2019**

Client: **SIMTA CLEAR COATS PVT. LTD.**

Address: **No. 418, Sonamar Road, Muthugounderpet, Sullur, Coimbatore - 641406, India.**

Tested on: **02863**

Report No. / IMPORT No.: **46595**

Page: **02** of **03** Nos. **PH.A.B.C & D**

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**CERTIFICATE**

The Certification Body of **TUV SUD South Asia Private Limited** certifies that

**SIMTA CLEAR COATS PVT.LTD.**  
418, Sonamar Road, Muthugounderpet, Sullur, Coimbatore - 641406, Tamilnadu, INDIA

has implemented a Quality Management System in accordance with **ISO 9001:2015** for Scope of:

**Design, Manufacture, Sales of UPVC profiles & accessories, Design, Manufacture & supply of Plosted Clearer Rollers for Textile Machines, Design, Manufacture, Sales & Service of Clearer Roller Cleaning Machines & supply of its Spares**

The certificate is valid from **2017-06-14** until **2020-06-13** Subject to successful completion of annual audits.

Further conditions regarding the scope of this certificate are mentioned in the certificate body.

Certificate Registration No. **99 190 17700**  
Date of initial certification: **2017-06-14**

Authorised Signatory: *[Signature]*  
EMPLOYEE CODE: 4259

**CII** Indian Green Building Council

Account Name: **Membership Details**

Member: **Organizational Profile**

Profile: **Organizational Profile**

Member ID: **MEM011910**

Member Type: **Member**

Member Category: **Member of Corporate Body**

Change Membership: **Member can be MAINTAIN**

Manage Membership Level: **Membership can be MAINTAIN**

Project: **MEMBERSHIP**

Year of Issue: **2019**

Expiry Date: **2020-06-13**

Organization Logo: **MEMBERSHIP**

Industry: **MEMBERSHIP**

Special Name or Building Name: **MEMBERSHIP**

Order Number: **MEMBERSHIP**

Setting: **MEMBERSHIP**

Contact Details: **MEMBERSHIP**

Primary Contact: **MEMBERSHIP**

Address: **MEMBERSHIP**

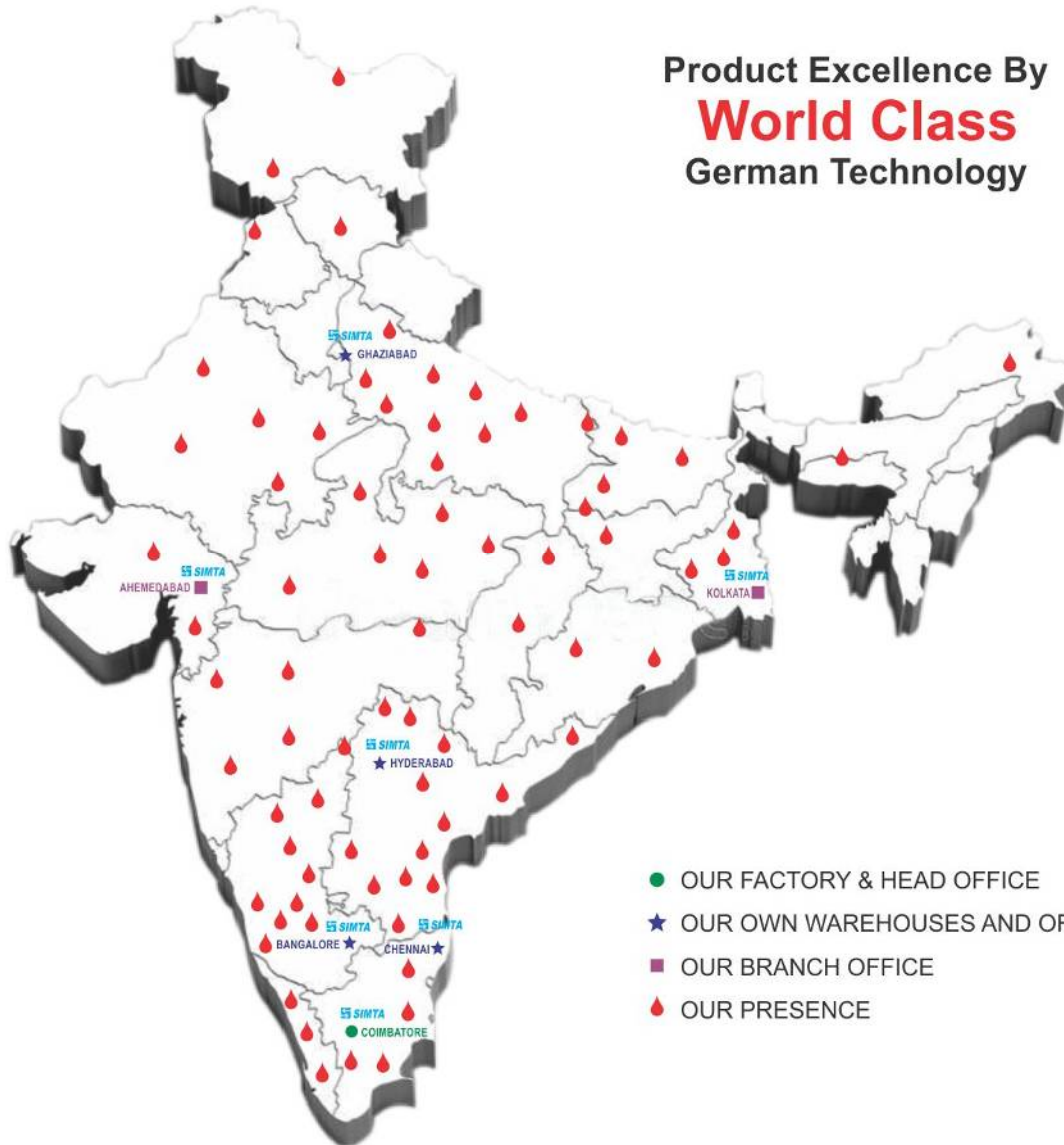
Telephone: **MEMBERSHIP**

Website: **MEMBERSHIP**

Language: **MEMBERSHIP**

Quick Enquiry

Product Excellence By  
**World Class**  
German Technology



- OUR FACTORY & HEAD OFFICE
- ★ OUR OWN WAREHOUSES AND OFFICE
- OUR BRANCH OFFICE
- OUR PRESENCE

 **SIMTA CLEAR COATS PVT LTD**

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Website:- www.simta.co.in