



*Minding the next
Generation*



SIMTA  **Astrix**

uPVC Windows & Door Profiles



Profiles made in
INDIA for INDIA



Indian Green Building Council
MEMBER

Product Excellence by
World Class
German Technology



 **SIMTA CLEAR COATS PVT LTD**



ISO 9001:2015
Certified Company

4/56, Somanur Road, Muthudoundan Pudur, Suler, Coimbatore - 641 406, Tamil Nadu, INDIA
Mobile: 98422 08890 E-mail: profiles@simta.com | upvcsales@simta.com Website: www.simta.co.in

ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited
certifies that

SIMTA CLEAR COATS PVT.LTD.
4/56, Somanur Road, Muthugoundenpudur, Sulur,
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 Flocked 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 periodic audits
The present status of this Certificate can be obtained on www.tuv-sud.in
Further clarifications regarding the scope of this certificate may be obtained by consulting the certification body

Certificate Registration No. **99 100 17700**

Date of Initial certification : **2017-06-14**

Certification Body
of TÜV SÜD South Asia Private Limited, **Mumbai**
Member of TÜV SÜD Group





Indian Green Building Council

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Membership Details

Organisation Details

Organisation Name	simta clear coats pvt. ltd
Membership Id	IGBMM170110
Membership Type	Annual Member
Membership Category	Materials and equipment manufa
Member since (DD-MM-YYYY)	29-06-2017
Membership valid till (DD-MM-YYYY)	31-12-2017
Organisation PAN Number	AAJCS8038A
Organisation Logo	<input type="button" value="Browse..."/> No file selected.
Organisation Website	<input type="text"/>
Organisation Info (Max:1,000 characters)	<div style="border: 1px solid #ccc; height: 80px;"></div>

Contact Details

	Primary Contact	Secondary Contact
Name	krishnamoorthy	ganesh
Designation	senior manager - technical	director
Department	technical	management

important



Test Report

Report No. TUV(I)/6039/15-16/0111502161

Date: 01 Dec 2015

TUV INDIA PRIVATE LIMITED
TUV India House,
Survey No. 42, 3/1 & 3/2,
Sus. Tal. Mulshi,
Dist. Pune - 411 021
CIN : U74140MH1989PTC052930
Tel. : 020 - 67900000 / 01
Email : pune@tuv-nord.com
Website : www.tuv-nord.com/in

Name and address of customer : **SIMTA CLEAR COATS PVT. LTD.**
4/56, Somanur Road, M.G.Pudhur, Sular,
Coimbatore- 641406

Name of the sample : **UPVC WINDOW PROFILE (LEAD FREE)**

Lab sample Id No. : **0111502161**

Mfg. date/Best before : -

Batch No./ Code no. : **SIMTA**

Objectives Of Examination : To test for compliance with Commission Regulation (EU) No 65/2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
Testing is Performed on individual component as per Customer's Request.

Regulation Requirement : As per Annexure II of the Commission Regulation (EU) No 65/2011.

Description of sample : One sample of CPVC WINDOW PROFILE (LEAD FREE) received for analysis of Cadmium, Hexavalent Chromium, Lead, Mercury, Polybrominated Biphenyls & Polybrominated Diphenyl Ethers. Enclosure-Sample Images

Date of sample receipt : **27 Nov 2015**

Date(s) of analysis : **28 Nov 2015 -01 Dec 2015**

Sample drawn by : **Customer**

Conclusion	Given Sample Conforms with Commission Regulation (EU) No 65/2011 on the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment for above mentioned test parameters.
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Page 1 of 3



Rajeev

Rajeev





TEST REPORT


Report No. : GR:HL:4480028351-1 **DATE : 01/11/2013**

SIMTA CLEAR COATS PRIVATE LIMITED
 NO. 4/56, SOMANUR ROAD, MUTHUGOUNDENUKUR POST
 SULUR/COIMBATORE-641406
 INDIA

CONTACT PERSON : MR. KRISHNA MOORTHY
THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION UPVC WINDOW PROFILE
COUNTRY OF ORIGIN INDIA
SAMPLE RECD ON 29/10/2013
TEST(S) REQUESTED CONSOLIDATED

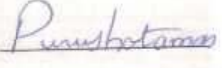
TESTING PERIOD : 29/10/2013 – 31/10/2013



Result

Sample no	Test name	Test method	Observation
4480028351	Tensile strength	ASTM D638: 2010	43.60 MPa
4480028352	Elongation	ASTM D638: 2010	115.31%
4480028353	Izod impact	ASTM D256: 2010	20.78 KJ/m ²
4480028354	Hardness	ASTM D2240: 2010	75
4480028355	UV	EN 12608	Δb* : 2.51 ΔE* : 4.52 Before : 18.87 kJ/m ² After : 12.18 kJ/m ²

Per Pro SGS India Private Ltd.



Authorized Signatory

Email your test related enquiries at Feedback.HLT@sgs.com

S. Purushotaman
 Sr. Executive (Operations)

JOE No. : 1348810200 Page 1 of 1 Control No. 448007847

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SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007(India)
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org
E-mail id : customercare@shriraminstitute.org

TEST CERTIFICATE

NO. : C1/0000043620

Issued to
Client Code : S1047
SIMTA CLEAR COATS PVT LTD

Date 10/06/2016

Job No. 1605-1-141-2680

Booking No. RG1617/1/1649

4/56, SOMANUR ROAD
MUTHUGOUNDENPUDUR POST SULUR
COIMBATORE
TAMILNADU - 641 406

Booking Date 24/05/2016

Customer Ref No. -

Kind Attn: MR. S. KRISHNAMOORTHY

Customer Ref Date 24/05/2016

Sample Description

ONE SAMPLE DESCRIBED AS UPVC WINDOW PROFILE, MODEL : SIMTA, WA RECEIVED.

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

S.,No	Tests	Results	Protocol
1	Limiting Oxygen Index, %	35	As per ASTM D 2863-08
2	Water absorption, %	0.04	As per DIN 53495-04
3	Flexural Modulus of Elasticity, Mpa	3112	As per ISO 178-10
4	Vicat Softening Temperature, °C	86	As per ISO 306-04
5	Izod Impact Strengthm kJ/m ² (un notched)	115	As per ASTM D 256-06
6	Behaviour after ageing (At 150° Cfor 30 minutes)	No visual defects observed	As per EN 478-95
7	Shore Hardness D	79	As per ISO 806-03
8	Heat Reversion, %	1.3	As per EN 479-95
9	Density kg/m ³	1598	As per DIN 53479-07
10	Thermal conductivity,w/mk	0.13	As per ISO 22007(PART 2)-13
11	Accelerated Weathering test Exposure condition Duration : 204 hrs Wavelength : 313 nm Lamp : UVB Irradiance : 0.67 w/m ² Cycle : 8 hrs of UV cycle at 55°C & 4 hrs condensaion at 40°	No visual change observed	As per ASTM G 154-10





AUTHORISED SIGNATORY
EMPLOYEE CODE : 4159

GC-01(Rev-05)

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सेन्दल इंस्टिट्यूट ऑफ प्लास्टिक्स
इंजीनियरिंग एण्ड टेक्नोलॉजी
(राज्य एवं उर्वरक विभाग, भारत सरकार)
गिन्दी, चेन्नै - 600 032.
फोन : 22254701-06 फैक्स : 91-44-22254707

**CENTRAL INSTITUTE OF PLASTICS
ENGINEERING & TECHNOLOGY**
(Ministry of Chemicals & Fertilizers, Govt. of India)
Guindy, Chennai - 600 032, India.
Tel : 22254701-06 Fax : 91 - 44 - 22254707
E-mail : chennai@cipet.gov.in Website : www.cipet.gov.in

**परीक्षण प्रमाणपत्र
TEST CERTIFICATE**

को जारी / Issued to :

M/s. Simta Clear Coats Private Limited,
No. 4/56, Somanur Road,
Muthugoundenpudur (Post), Sulur,
Coimbatore – 641 406. India.

क्र.सं / Sl. No. : **02863**
रिपोर्ट सं / REPORT NO. : **46595**
Pages...5...Nos. Part A,B,C & D
दिनांक / Date : **03rd June 2015**

संदर्भ / Ref. : CPT/001/14-15 Date: 19.03.2015

मानक स्तर के अनुसार परीक्षण रिपोर्ट / TEST REPORT AS PER STANDARD : Refer Part C

भाग - क / PART - A

प्रस्तुत नमूने का विवरण / PARTICULARS OF SAMPLE SUBMITTED

अ) नमूने का नाम / a) Name of the Sample : UPVC Window Profile SIMTA
-as stated by the party

Sl. No.	Property	Test Standard	Unit	Standard Value	Result
1	Wall Thickness Sight Surface	EN 12608 : 2003	mm	Min. 2.00 mm	2.2
2	Wall Thickness Non Sight Surface	EN 12608 : 2003	mm	Min. 1.00 mm	1.1
3	Resistance to Impact @-10°C Falling Mass 1000 Gms. Falling Height 1500mm	EN 12608 : 2003	-	No Break	No Break
4	Deviation From Straightness	EN 12608 : 2003	mm	Max. 1 mm	0.5
5	After heat Ageing @150°C for 24 Hrs. Visual Apperance	EN 12608 : 2003	-	Colour change and cracks are not allowed	No Colour change, No Cracks and no any visual defects
	Change in Length	EN 12608 : 2003	%	Max. 2%	1.4
6	Charpy Impact Strength Before and after UV Weathering Test	EN 12608 : 2003	KJ/m ²	20 KJ/m ²	No Break Upto 20 KJ/m ²
7	Colour Fastness after UV Exposure				
	Delta E	EN 12608 : 2003	-	< 5	0.96
	Delta B	EN 12608 : 2003	-	< 3	0.4
	Grey Scale Reading	ISO-105 A04	-	1=poor : 5=excellent	4
8	Flexural Modulus	ASTM D 790	N/mm ²	2200	2430
9	Vicat Softening Point	ASTM D 1525	°C	> 75	90
11	Flammability	ASTM D 635	mm/min	Self Extinguishing	Self Extinguishing
13	Thermal Conductivity@ 55°C mean temperature	ASTM E 1530	W/mk	< 0.2	0.161
14	Limiting Oxygen Index	ASTM D 2863	%	< 45	40
15	Water Absorption	ASTM D 570	%	< 0.1	0.06
16	Tensile Strength @ 50mm/min	ASTM D 638	Mpa	> 35	40
17	Chemical Resistance				
	With Concentrated HCL	-	-	No Characteristics Change	No Characteristics Change
	With 10% aqueous solution of NaOH	-	-	No Characteristics Change	No Characteristics Change
	With Acetone	-	-	No Characteristics Change	No Characteristics Change







CIPET
Chennai-32.



Continuation Sheet

Report No: **46595** (Contd.,)

TEST RESULTS

Date: 03-06-2015

As Per EN 12608: 2003

Sl. No.	Property	Clause	Unit	Results Obtained
7.	Resistance to weathering (*UV Exposure)			
	A) Charpy impact strength	5.8.2	kJ/m ²	No Break upto 20kJ/m ²
	(i) Before UV Exposure			No Break upto 20kJ/m ²
	Un Notched			
	(ii) After UV Exposure			
	B) Colour Measurement	5.8.3	-	
	(i) Colour fastness			
	ΔE			0.96
	ΔB			0.40
	(Before and after UV Exposure Formula : CIE 76 Observer: 2 deg)			
	C) Colour Measurement	ISO-105 A04	-	
	Before and after UV Exposure			
	Grey scale Reading			4.0
8.	Flexural Modulus	ASTM D 790	N/mm ²	2430.0
9.	Vicat softening point	ASTM D 1525	°C	90.0
10.	Density	ASTM D 792	g/cc	1.54
11.	Thermal Expansion	ASTM D 696	l°C	5.21X10 ⁻⁵
12.	Flammability	ASTM D 635	mm/min	Self Extinguishing
13.	Weldability (Tensile bending)	BS:12608 CI-5.9	Kgf	290.0

(Contd....)

2015
[Signature]
AUTHORISED SIGNATORY