

SILKCOAT-13

**ADDITIVE TO WALL
PUTTY, CEMENT MORTAR,
CRACK FILLING POWDER,
WATER BASED PRIMER &
PAINT**

**IT ENHANCES
ADHESION, FLEXIBILITY,
CRACK RESISTANCE AND
DURABILITY FOR A
SMOOTHER, LONGER-
LASTING FINISH**

SILKCOAT-13 mixed with wall putty



**SILKCOAT-13 ensures your walls stay
strong and flawless forever!**

SILKCOAT-13 when
used with Cement
Mortar, it prevents
Water Seepage and
Wall Dampness



**Interested in
SILKCOAT-13?**



Address

**Plot # 20, Sree Suyambu Lingam
NagarAnnex II, Vadaperumbakkam,
Madhavaram, Chennai - 600066**



www.laalchemicals.com



91-99529 60458



91-63693 77109

laalconstructionchemicals2014@gmail.com

**SILKCOAT-13 mixed with wall putty
applied over the wall**



A paste of SILKCOAT-13 with Crack filling power being applied in between wall cracks



To be used during Building renovation as well as during the construction of new Building

Areas of Application



During Cement Plastering



During Wall Putty Stage



During Primer or Painting Stage

SILKCOAT-13 mixed with Crack Filling Powder



SILKCOAT-13 mixed with Primer or Paint during Interior Painting



SILKCOAT-13 mixed with Water



SILKCOAT-13 mixed with Primer or Paint during Exterior Painting



BENEFITS OF USING SILKCOAT :

- 1. AS ADVANCED WATERPROOFING SOLUTION - ENHANCE CEMENT MORTAR WITH SILKCOAT-13 TO CREATE A WATERPROOF BARRIER, EFFECTIVELY PREVENTING WATER SEEPAGE AND DAMPNES.**
- 2. AS SUPERIOR CRACK FILLING SOLUTION - BLEND SILKCOAT-13 WITH CRACK-FILLING POWDER TO SEAMLESSLY REPAIR CRACKS ON BOTH INTERIOR AND EXTERIOR WALLS, ENSURING A SMOOTH AND DURABLE FINISH.**
- 3. AS THE ULTIMATE WALL PUTTY ENHANCER -**
 - ✓ SUPERIOR BONDING – ENSURES A STRONG GRIP ON CEMENT-PLASTERED SURFACES, PREVENTING DELAMINATION AFTER PRIMER AND PAINT APPLICATION.**
 - ✓ ENHANCED FLEXIBILITY – MINIMIZES CRACKING BY IMPROVING THE ELASTICITY OF THE PUTTY LAYER.**
 - ✓ EFFORTLESS WORKABILITY – CREATES A SMOOTHER, EASIER-TO-APPLY TEXTURE.**
 - ✓ IMPROVED WATER RETENTION – SLOWS DRYING FOR BETTER CURING AND LONG-LASTING STRENGTH.**
- 4. AS PAINT / PRIMER ADDITIVE - ELEVATES PRIMER & PAINT PERFORMANCE OVER THE INTERIOR AND EXTERIOR WALL**
 - ✦ SUPERIOR ADHESION – STRONGER BONDING REDUCES PEELING AND FLAKING.**
 - UNMATCHED DURABILITY – FLEXIBLE, CRACK-RESISTANT PROTECTION FOR LONG-LASTING RESULTS.**
 - 💧 ENHANCED WATER RESISTANCE – SHIELDS WALLS FROM MOISTURE, PREVENTING PAINT DEGRADATION.**

-  **FLAWLESS FINISH – SMOOTH, STREAK-FREE APPLICATION WITH REDUCED SURFACE POROSITY.**
-  **EFFORTLESS WORKABILITY – IMPROVES PAINT FLOW AND LEVELING FOR A SEAMLESS COAT.**
-  **STRONGER BINDING – ENSURES PAINT ADHERES FIRMLY TO PUTTY, PLASTER, OR RAW SURFACES.**
-  **REDUCED PAINT ABSORPTION – SAVES MATERIAL BY LOWERING SURFACE POROSITY.**
-  **PREVENTS POWDERING – MINIMIZES CHALKING AND DUST FORMATION OVER TIME.**
-  **FASTER DRYING & CURING – PROMOTES EVEN DRYING WITH MINIMAL DEFECTS.**
-  **EXPANDS COVERAGE – ACHIEVE 25% TO 40% MORE AREA SPREAD, REDUCING MATERIAL CONSUMPTION.**
-  **ECO-FRIENDLY & NON-TOXIC – SAFE FOR BOTH INTERIOR AND EXTERIOR APPLICATIONS.**
- ₹ **EXPERIENCE REDUCED MAINTENANCE COSTS FOR BRUSHERS AND ROLLERS WITH THE ENHANCED LUBRICATION EFFECT**
- ₹ **REDUCES THE CONSUMPTION OF PAINT AND PRIMER BY 1/3**

METHODS OF APPLICATION :

1. **WITH ANY WATER BASED PRIMER / PAINT: 1 LTR OF SILKCOAT-13 TO BE MIXED INTO THE QUANTITY OF WATER SUITABLE FOR DILUTING 10 LITERS OF ANY WATER BASED PRIMER OR PAINT TO GET 25 % TO 40% EXTRA SPREAD**
2. **WITH CEMENT MORTAR: MIX 1 LTR OF SILKCOAT-13 INTO 1 LTR OF WATER AND MIX THIS SOLUTION INTO THE QUANTITY OF WATER SUITABLE FOR MAKING CEMENT MORTAR OF A CEMENT BAG OF 50 KG FOR DAMPNESS AND WATER SEEPAGE CONTROL**
3. **WITH CRACK FILLING POWDER & WITH WALL PUTTY: MIX SILKCOAT-13 DIRECTLY WITH CRACK FILLING POWDER OR WITH WALL PUTTY TO FORM A PASTY SOLUTION COMPOUND THAT WILL BE USED FOR FILLING THE CRACKS OVER THE INTERIOR AND EXTERIOR WALL OR TO BE APPLIED DURING WALL PUTTY STAGE**

TECHNICAL INFORMATION:

#	Description	Details
1	Nature	Viscous and bonding liquid
2	Color	Colorless
3	Odor	Odorless
4	pH	Neutral (7 – 8)
5	Banned Chemicals	Nil
6	Toxic Chemicals	Nil
7	Active Ingredients	Proprietary & Synergistic combination of Imported Chemicals
8	Solubility	Easily soluble in water



भारत सरकार Government of India
राष्ट्रीय परीक्षण गृह (प.घो.)
NATIONAL TEST HOUSE (SR)
बाराली, चेन्नई - 600 113, Taramani, Chennai - 600 113.
Phone : 22432374, 22431157 Fax : 22432158 email : nther@tn.nic.in

FORM NO. NTHCHMFI

**परीक्षण प्रमाण पत्र
TEST CERTIFICATE**

परीक्षण पत्रा नं. में Test Certificate No.	करी होने की तिथि Date of Issue	कोड नं. Code No.	पृष्ठ Page	पृष्ठों की संख्या No. of Pages
NTH (SR)/CH/G/2021/0402/05/B	11.02.2021	---	1	2
पत्रे जारी करने हे Issued To	Laal Chemicals			
पता Address	No. 3/36, Muttar Main Road, Surpet, Chennai- 600046.			
पत्रा का संदर्भ नं. एवं दिनांक Customer's Ref. No.	Nil, Dn. 22.01.2021.			
पत्रा नं. एवं दिनांक Register No. & Date	NTH (SR)/CH/G/2020/0402/05/B dn. 05.12.2020			
परीक्षण सामग्री का विवरण Description of Test Item	Silkcoat 13 Primer/Paint additive			
परीक्षण सामग्री का संदर्भ Identification of Test Item	Sample 2(sample in 500 ml HDPE container)			
समस्या का विवरण (यदि कोई) Product Specification (if any)	Nil			
समस्या प्रमाण की तिथि Date of Receipt of the Test Item	22.01.21			
करी परीक्षण की तिथि Date(s) of Performance of Tests	27.01.2021 to 02.02.2021			
अंगीकृत प्रणाली का संदर्भ Method(s) used for Test	Standard method			
समस्या प्रमाण की तिथि Sampling Procedure where relevant	Nil.			

Tested by	Checked by	Approved by
 Aata C D SO(Chemical)	 M Suresh Babu Scientist D(Chemical)	 M Suresh Babu Scientist D(Chemical)

Notes : 1. The results relate only to the items tested or calibrated.
2. The recalibration certificate shall not be reproduced except in full, without written approval of the authority.



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Results of tests:

Sl No.	Test Name	Results
1	pH Value	6.8

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Note

> Nil

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Remarks

> Nil

Tested by	Checked by	Approved by
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Phone : 22432374, 22431157 Fax : 22432158 email : nther@ntn.nic.in

FORM NO : NTNCHNPS

**परीक्षण प्रमाण पत्र
TEST CERTIFICATE**

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NTH (SR)/CHG/2021/0102/05/A	11.02.2021	—	1	2

दिने वारी करण हे
Issued To

Laal Chemicals

पता
Address

No. 3/56, Mettur Main Road, Surapet, Chennai- 600066

ग्राहक का वारंट नं. एवं रेजिटर
Customer's Ref. No.

NIL Dn. 22.01.2021

परीक्षण नं. एवं दिनांक
Register No & Date

NTH (SR)/CHG/2020/0102/05/A dt. 08.12.2020

परीक्षण सामग्री का विवरण
Description of Test Item

Emulsion mixed with SILKCOAT-13

परीक्षण सामग्री का पदार्थ
Identification of Test Item

Sample 1 (sample in 3 litr HDPE container)

समूह का विवरण (यदि कोई)
Product Specification (if any)

nil

समूह प्रेषित की तिथि
Date of Receipt of the Test Item

22.01.21

कार्य प्रदर्शन की तिथि
Date(s) of Performance of Tests

27.01.2020 to 02.02.2021

परीक्षण प्रणाली का पदार्थ
Method(s) used for Test

IS 101 & standard method

समूह प्रेषित वही प्रमाणिक हो
Sampling Procedure where relevant

NIL

Tested by

Anu C D
SO(Chemical)

Checked by

M Suresh Babu
Scientist D(Chemical)

Approved by

M Suresh Babu
Scientist D(Chemical)

Notes : 1. The results relate only to the items tested or calibrated.
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Results of tests

Sl No.	Test Name	Results
1	pH Value	8.9
2	Wet Opacity (g.m/L) by pland cryometer	5

निष्कर्ष
Nil

टिप्पणियाँ
Nil

Tested by

Anu C D
SO(Chemical)

Checked by

M Suresh Babu
Scientist D(Chemical)

Approved by

M Suresh Babu
Scientist D(Chemical)

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