



INTRODUCTION

- Chennai Paints Putty is white cement based fine powder which provides an ideal finishing for concrete/cement plastered walls and ceiling.
- It provides an ideal base for painting.
- It provides damp resistant smooth finish for further application of all kinds of paints. (Damp resistance means resistance to water in humid air & not physical water contacts/leakages)
- It gives pleasing look to interiors & exteriors.
- It is fine powder to be mixed with water as advised for direct application on plastered surface of the interiors/exteriors to get smooth and shiny finish.
- Can be used on concrete, rendered wall, hollow block, precast walls, concrete ceilings, calcium silicate bricks & aerated light weight blocks.
- Not recommended for use on painted or other non-cementitious surfaces.

SURFACE PREPARATION

New Surface

New surface requires preparation such as removal of dust, dirt. In case of cracks, voids & damages it must be repaired. Surface should be in just-wet condition, prior to putty application.

Old Unpaired Surface

All Loose material, organic growth, dirt, dust, etc. must be removed with steel blade or wire brush. Surface should be in just-wet condition, prior to putty application.

Old Painted Surface

Scrub the surface with coarse wire brush/sand paper and clean thoroughly so that it is free from old paint/ Dust particles till the cementitious/plastered surface is visible. Surface could be washed with water, however. Ensuring that surface should be in just-wet condition, prior to putty application.

Very Rough Surface

If surface plaster was rough, 1st apply white cement and level the surface. Cure the surface for 2 days, before starting putty coat. Surface should be in just-wet condition, prior to putty application.

Very Smooth Surface

If the Surface was made by cement ghutai (smoothing) which normally is very smooth, bonding with putty may not become sufficiently strong. Scraping the surface with emery stone/sand paper is recommended before putty application. Surface should be in just-wet condition, prior to putty application.

Area near the skirting

Extra care is recommended for the area adjacent to skirting of the floor (at least area up to one feet above the skirting). During grinding of the skirting and floor, slurry is generated. It sticks to the wall and if not cleaned properly, wall putty on it will not give good results. Chances are of flaking/poor adhesion. Area at least up to one feet above the skirting should be cleaned with brush and washed thoroughly so that slurry

deposited on the wall during grinding is totally removed. After drying the wall, putty can be applied as normal.

Plaster Showing sign of Efflorescence/salt deposition

If due to salty water or salts in sand/bricks, problem, of efflorescence is observed then plastered surface should be treated with mild acid like citric acid before application of CHENNAI PAINTS wall putty. Otherwise, wall putty will not stick to the wall and problem of flaking may arise. After 30 minutes of treating the surface with mild acid, surface should be washed thoroughly so that no acid remains on the wall. After drying properly, wall putty can be applied as normal. This treatment should be done under proper supervision.

- Just-wet condition could be achieved by applying coat of water with soft brush.
- In case of wall exposed to sun, more water spraying shall be done to take away heat from the surface and then bring wall to just-wet condition.

PREPARATION OF CHENNAI PAINTS WALL PUTTY PASTE

- Mix CHENNAI PAINTS wall putty slowly in a clean container adding 35-40% water by volume to prepare paste of desired consistency.
- Mix vigorously for 5-10 minutes for making lump free and uniform paste.
- Product should be mixed in such quantities that it could be used within 2 hrs of its preparation.
- Mixing can be done manually or by suitable electronic mixer.

COVERAGE

We recommended:

- Maximum two coats (layers) of CHENNAI PAINTS wall putty.
- Maximum thickness of 1st coat (layer) 1.5mm.
- Maximum thickness 2nd coat (layer) 1.0mm.
- Approx achievable coverage is 35 sq.ft. /mm thickness/ kg of CHENNAI PAINTS wall putty.
- For recommended thickness above, the coverage achievable is @ 14 sq.ft/kg of CHENNAI PAINTS wall putty. Or 280 sq.ft/20 kg. Bag of CHENNAI PAINTS wall putty. However, Actual coverage achieved depends on the base surface condition & finished thickness.

APPLICATION

- Ensure that surface is plastered OR made with cementitious material.
- Ensure that surface is moderately rough (Neither too-rough nor too-smooth).
- Ensure that surface is just-wet. Over-wetting resulting in accumulation of water on surface should be avoided.
- Apply first coat.
- Use spatula/blade/trowel on the wall with “**bottom to top**” Configuration.
- Apply second coat preferably after an interval on 4 hrs in hot Season & after an interval on 12hrs in cold season. Second coat shall be applied “**horizontally**” to even out application marks of 1st coat, if any.
- Re-mix putty paste again for 1 minute, if it is left un-disturbed for more than 30 minutes.
- Allow complete drying for atleast 3 days and then use fine emery paper to remove application mark, if any

OR

- Half an hour after application of 2nd coat smoothing could be done with trowel.
- Paint could be done after 3 or more days of putty work but it shall be ensured that putty is completely dry before applying paint.

PRECAUTION

- Although CHENNAI PAINTS wall putty does not contain any toxic material, use rubber gloves while mixing.
- Precaution should be taken to avoid dust inhalation while handling putty powder or during removal of application marks with fine emery paper-say wearing nose mask.
- Keep the product out of reach of children.

- Once putty paste has hardened, it shall not be used by adding water.

WETTING

Usual curing with a lot of water is not needed. Keeping in view the ambient temperature, need based wetting is recommended.

- Just-wet the surface, prior to putty application.
- After applying first coat wet the surface gently.
- After application of second coat, wet surface twice a day for at least one day, if season demands it. Water shall be applied gently.

STORAGE

- Store CHENNAI PAINTS wall putty in a dry place.
- Open the bag just before use only.

SAILENT FEATURES OF CHENNAI PAINTS WALL PUTTY

- We do not recommend mixing of pigments/stainer in CHENNAI PAINTS wall putty.
- Quality of painted surface is directly proportional to quality of un-painted surface.
- CHENNAI PAINTS wall putty renders ideal Conditions as un-painted surface for paint application.
- Paint can be applied on CHENNAI PAINTS wall putty with or without primer However, use of prime shall give cost advantage in case of expensive paints.
- Lustrous white and smooth surface which can be left unpainted.
- Life of CHENNAI PAINTS wall putty is as long as the life of grey cement plaster underneath.
- It prevents growth of algae and fungus on walls.
- Any kind of distemper can be applied on it directly. Textured finish can be obtained by use of texturing tools.

PARTICLES

RESULTS

Water requirement by volume

38%

Water: putty Ratio

@ 1:3

Pot Life

2-3 hrs

Maximum thickness of total coating

2-2.5 mm

Coverage on smooth surface

35 sq.ft/mm thickness/kg of putty.

PERFORMANCE

Properties	CHENNAI PAINTS WALL PUTTY	POP
Area of Application	Can be applied on exterior/exposed surface/interior ceiling	Can't be applied on exterior/exposed surface.
Binding property	Cement based putty, hence good binding property.	Low binding property.
Coverage Area	14 sq.ft/kg. on new smooth plastered wall for finished thickness	6-7 sq.feet/kg for equivalent thickness
Consistency	Consistency in quality as it Factory made with standard ingredients & continuous quality control.	Huge variation in quality
Consumption of Distemper	Less Distemper is required because of its low absorption	Requires more Distemper because It's absorption is more.
Cost	Less ultimate cost due to long life span, No Primer cost, low paint absorption.	Ultimate coat is quite high.
Durability	More durable due to good binding.	Less durable
Look	Better appearance due to very high whiteness (min.93%) of putty.	Yellow surface is achieved.
Primer coat on base surface	No requirement of Primer Coat.	Primer coat is a must.
Strength	High like cement.	Very low strength
Water Resistance	Good resistance to dampness.	Peels off when comes in contact with water.

PACKING

- 1 kg PP Packs put in 20kg New HDPE bag for ease of handling.
- 5 kg PP packs put in 20 kg New HDPE bag for ease of handling.
- 20 kg HDPE bag put into 20 kg laminated PP bag.
- 40 kg HDPE bag put into 40 kg laminated PP bag.

Note: information given is for general guidance. Specific instruction for various site conditions can be furnished on demand. However, Company is not responsible for any wrong application of the product.

Structural problems could not be taken care of by the finishing/decoration material

Therefore, adequate quality assurance of structure is strongly recommended.

DISCLAIMER; The product data information & application details are based on our current knowledge and experience, in view of the many factors that may affect processing and application of our product, these data given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quantity of other materials used and on-site workmanship are factors beyond our control. There are no expressed or implied guarantee/warranty as to the results

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Chennai Paints

Old No.365, New No.200-A,
Madhavaram High Road,
Madhavaram,
Chennai – 600 060.
INDIA

Tex : +91 (44) 25581664
Fax : +91 (44) 25581665
E-mail :
chennaipaints@gmail.com
info@chennaipaints.com
www.chennaipaints.com

- Anti Termite Treatment
- Tile Adhesive & Grouts
- Construction Chemicals
- Waterproofing compounds
- Interior & Exterior Wall Putty
- Waterproof Cement Paint & Primers

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