

WALL PUTTY



TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

JINDAL Air Wall Putty is Ecofriendly premix mortar consisting of special performance polymers. JINDAL Air wall putty protects and smoothens wall and is effective on all types of cementitious surfaces. Pure white in color, its strong adhesive properties ensure a powerful bond between the base and the paint, making it the ideal sub – surface for all interior and exterior walls.

KEY FEATURES

DURABLE & CRACKS RESISTANT:

Negligible silt content & added polymers help control cement shrinkage, assuring cracks free & durable wall.

EXCELLENT COVERAGE:

Minerals binders present in product help reduce density of Wall Putty thus increasing coverage. It covers 10-15 Sq. ft. /Kg for 2 coats and 8-12 Sq. ft. / kg for 3 coats.

ECONOMICAL:

The product is a highly durable wall putty that reduces repair and maintenance cost.

ZERO WASTAGE:

It is easy to apply and avoid wastage of material.

75% EXTRA WATER RESISTANCE:

Specially added polymers improve the resistance of putty again water thereby providing a protective base to your expensive paints.

25% EXTRA ADHESION:

Right proportion of white cement provides strong base with prevents the paint from

HIGH WORKABILITY:

The product is formulated to provide easy of mixing and application without loss of homogeneity, leading to improved workability.

EXTRA FINE:

(<1% Retention over 240 mesh) Minerals & Additives used in the product are very fine, providing smooth finish to the surface.

REDUCED PAINT CONSUMPTION:

Smooth & fine surface imparted by the product helps cut upon paint consumption.

UV RESISTANT:

The product is UV resistant which leads to enhanced paint life.

GLOWING WHITENESS:

High quality polymer based putty gives extra whiteness.

ECO-FRIENDLY:

JINDAL Air Wall Putty is manufacturing in factory by products of industry helps to reduce carbon footprint at the time no water required for curing helps save water resources.

COVERAGE

1st Coat	10-15 Sq. ft./Kg
2nd Coat	14-20 Sq. ft./Kg

TECHNICAL PROPERTIES

Bulk Density	1.2-1.4 gm/ml	Internal
Mixed Density	17-1.9 gm/cc	Internal
Pot Life	> 90 Minutes	Internal
W/P Ratio	0.30-0.35	As Per IS 4031 (Part-4) 1988
Whiteness	>70%	As Per IS 8042-1989
Dry Adhesion Strength	Min. 0.8 MPa	As Per IS 4541 & EN 1015-12
Comprehensive Strength @28 Days	7-12 MPa	EN 1015-11

METHOD STATEMENT

SURFACE PREPARATION

NEW SURFACE

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

OLD UNPAINTED SURFACE

All loose particle, 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.

ROUGH SURFACE

If surface plaster was rough, 1ST apply white cement / white cement mortar 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.

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 seen. Surface could be washed with water, however ensuring that surface should be in just-wet condition, prior to putty application.

AREA NEAR SKIRTING

Extra care is recommended for the area adjacent to skirting of the floor (at least area up to one ft. 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 of flaking/poor adhesion. Area at least up to one ft. above the skirting should be cleaned with wire 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.

EFFLORESCENCE/SALT DEPOSIT SURFACE

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 JINDAL Air 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.

SMOOTH SURFACE

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

MIXING

- Mix vigorously for 5-10 minutes for making lump free and uniform paste, as shown.
- For large volume mixing. A slow speed drill is recommended.
- Product should be mixed in such quantities that it could be used within 2 hrs. Of its preparation.



APPLICATION

- Ensure that surface is plastered OR made with cementitious material.
- Ensure that surface is totally clean.
- 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 240 Minute in hot Season & after 720 Minute in cold season. Second coat shall be applied to even out application marks of 1st coat, if any.
- Please Clean Surface before apply Second coat.
- Re-mix putty paste again for @ 1 minute, if it is left un-disturbed for 30 minutes
- Allow complete drying for 3 days and then use fine emery paper to remove application mark, if any
- Half an hour after application of 2 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.
- Clean application tools with clean water.
- 12 months from date of manufacturing in sealed condition.
- Store in cool and dry place.



PRECAUTION

- Although JINDAL Air Wall Putty do 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.
- Once putty paste has hardened, it shall not be used by adding water.

PACKING SIZE: - 20 KG & 40 KG

Health & Safety: JINDAL Air Wall Putty is non-toxic. Use of gloves and goggles is recommended. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. JINDAL Air components are non-flammable.

Manufacturing by: Future Ecocrete Pvt. Ltd. Block #10 to 20, Israna Pardhana Road, Vill. Pardhana, PANIPAT

Marketed by: Peeco Agencies Pvt. Ltd. 901, The Palm square, sector – 66, Gurgaon (HR)

WALL PUTTY



METHOD STATEMENT



SCOPE

JINDAL Air Wall Putty is carefully proportioned cementitious mixture that high quality & well graded sand, cement, & High Performance which is used for External and Internal plastering work. It is self-curing Polymer modified dry mortar.

1. PRELIMINARY WORKS AND SURFACE

• **NEW SURFACE:** New surface requires preparation such as removal of dust, dirt and foreign matter. In case of cracks, voids & damages it should be repaired. Surface should be in just-wet condition, prior to putty application.

• **OLD UNPAINTED SURFACE:** All loose particle, 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.

• **ROUGH SURFACE:** If surface plaster was rough, 1ST apply white cement / white cement mortar 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.

• **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 seen. Surface could be washed with water, however ensuring that surface should be in just-wet condition, prior to putty application.

• **AREA NEAR SKIRTING:** Extra care is recommended for the area adjacent to skirting of the floor (at least area up to one ft. 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 of flaking/poor adhesion. Area at least up to one ft. above the skirting should be cleaned with wire 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.

• **EFFLORESCENCE/SALT DEPOSIT SURFACE:** 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 JINDAL Air 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.

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

2. MIXING

- 2.1 The recommended mortar consists of 14 to 16 litres water for 40 kg Powder.
- 2.2 The recommended mortar consists of 7 to 8 litres water for 20 kg Powder
- 2.3 For large volume mixing. A slow speed drill is recommended.
- 2.4 Product should be mixed in such quantities that it could be used within 2 hrs. of its preparation.



3. APPLICATION

- 3.1 Ensure that surface is plastered OR made with cementitious material.
- 3.2 Apply thin layer of a mortar of Wall Putty using a Putty Knife on application surface.
- 3.3 Ensure that surface is totally clean.
- 3.4 Ensure that surface is moderately rough. (Neither too-rough nor too smooth).
- 3.5 Ensure that surface is just-wet. Over wetting resulting in accumulation of water on surface should be avoided.
- 3.6 Apply first coat.
- 3.7 Use spatula/blade/trowel on the wall with "Bottom to top" Configuration.
- 3.8 Apply second coat preferably after 240 Minute in hot Season & after 720 Minute in cold season. Second coat shall be applied to even out application marks of 1st coat, if any.
- 3.9 Please Clean Surface before apply Second coat.
- 3.10 Re-mix putty paste again for @ 1 minute, if it is left un-disturbed for 30 minutes
- 3.11 Allow complete drying for 3 days and then use fine emery paper to remove application mark, if any
- 3.12 Half an hour after application of 2 coat smoothing could be done with trowel.
- 3.13 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.
- 3.14 Clean application tools with clean water.

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4. WALL PUTTY WORK



5. CURING

For most ambient conditions, no curing is required. It is protect from such as direct sun or warm strong winds contacts.

For any further clarification don't hesitate to contact JINDAL Air Technical Department.

Technical Department

The information, and, in particular, the recommendations relating to the application and end-use of JINDAL Air products, are given in good faith based on JINDAL Air current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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