



Get  
Marble-Like Finish  
With  
**Birla White  
Excel Putty**



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Birla White Excel Putty is a white cement based putty which scores 94.5% on the hunter whiteness scale, providing ultimate whiteness and premium marble-like finish to your walls

## Why Birla White Excel Putty?



**MARBLE-LIKE  
FINISH**



**ULTIMATE  
WHITENESS**

## Excel Putty Application:



### Scope of Application

- This product can be applied on the interior/exterior surface such as cement-based plaster/concrete/mortar walls and ceiling surface up to 1.5mm thickness in two coats. This product has curing-free property.



### Required Tools

- Mechanical stirrer should be used for homogeneous mixing. Putty blade/spatula and gurmala should be used for the application work



### Surface/Substrate\* Preparation

- Remove all the loosely adhering materials such as dirt, dust, organic solvent (de-shuttering /curing-free compound) and oil, etc from the surface by using emery paper, putty blade or wire brush, etc.



## Pre-wetting of the Substrate

- Pre-wetting is not required before the application of "Birla White Excel Putty"



## Mixing of "Excel Putty"

- Mixing ratio: Slowly add 1kg Birla White Excel Putty with 45% clean water (1kg Birla White Excel Putty+450ml water) to make the paste. Mixing should be carried out preferably with a mechanical stirrer (3-5 minutes)/vigorous mixing manually using a metallic rod for 10-15 minutes to obtain a creamy consistency. Leave the paste for 5 minutes after thorough mixing to get best results. Prepared paste should be used within 3-3.5 hours.



## Application Methods on the Substrate/Surface:

- After mixing thoroughly, apply the first coat of Birla White Excel Putty on the wall/substrate surface uniformly with the help of a putty blade. Ensure that during the application, the substrate surface temperature does not exceed above 400 Celsius.
- After drying of the first coat of Birla White Excel Putty, rub the surface with wet sponge or with putty blade in order to remove the loose particles.
- Allow the surface to dry for at least 3 hours and then apply the second coat of Birla White Excel Putty. Leave the surface to dry completely.
- Leave the surface to dry preferably for 10-12 hours before the application of top coat paint/distemper
- It is not recommended to rub the Birla White Excel Putty surface of final coat strongly with rough emery paper. This will reduce the water repellency properties of Birla White Excel Putty. However, if at all there is a need to remove unevenness/patches before applying any kind of paint/distemper, gently level the surface with very fine water-proofing emery paper of not less than 500 number to get a glossy white surface.
- The total thickness of both the coats should be limited to a maximum of 1.5 mm
- No primer is required before the application of paint

## Technical Parameters:

Sr. No.	Technical Parameters	Specifications	Test Method
1	*Coverage (Sq ft/Kg) [On Ideal smooth surface]	18-21	In House
2	Pot life (Hours)	3.0-3.5	In House
3	Tensile strength @28 days (N/mm <sup>2</sup> )	≥1.0	EN 1348
4	Water Capillary Absorption (ml), 30 min @28 days	≤0.60	Karsten Tube
5	Compressive strength @28 days (N/mm <sup>2</sup> )	3.5-7.5	EN 1015-11
6	Bulk Density (g/cm <sup>3</sup> )	0.8-1.0	In House

\*This value is on smooth surface; however this may change according to surface texture.

## Precautions:



Mixing of Birla White Excel Putty is very important & hence extreme care should be taken to properly mix with hand or mechanical stirrer in order to get the best results in terms of smoothness and coverage etc. Mixing should be continued till a uniform paste is formed.



Only a required quantity of Birla White Excel Putty mix should be prepared which can be used within three and half hours.



Birla White Excel Putty should be kept out of the reach of children.



Harmful if swallowed; in case of ingestion, seek immediate medical attention.



If irritation develops or persists, immediately wash skin with plenty of water and get medical attention.

## Do's:

- Ensure dirt free wall surface.
- Stir well before use.
- Store in a cool and dry place.
- Wear safety goggles during application.
- It is recommended to wear suitable nose mask during sanding and surface preparation to avoid dust inhalation.

## Don'ts:

- Don't apply Birla White Excel Putty directly on loosely adhered/dirt wall surface.
- Don't add excess water than prescribed.



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