



BIRLA WHITE WALLSEAL WATERPROOF PUTTY

**SABSE SAFED DEEWAR
AUR ROKE PAANI KA HAR WAAR**



*Stated from Karvy research findings

**Sabse Safed
Deewar
Aur Roke Paani
Ka Har Waar**

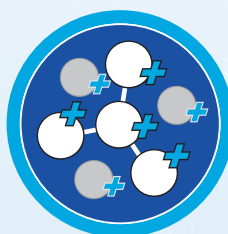


Birla White WallSeal Waterproof Putty is a white cement-based putty with 2x water resistance and Active German Silicon Polymers which provides a strong base on a plaster/concrete and mortar wall surface before application of topcoat paint or distemper and protects your walls from water.

Why Waterproof Putty?



**2X WATER
RESISTANCE**



**ACTIVE GERMAN
SILICONE POLYMER**



**MORE
WHITENESS**



Scope of Application

This product can be applied mainly on interior walls as well as on exterior surfaces like cement-based plaster/concrete/mortar walls where the surface is exposed to rainwater, moisture and humidity.

Steps to Apply Birla White WallSeal Waterproof Putty

Step 1:

Remove all the loosely adhering material like dirt, dust & oil, etc. from the surface by using emery paper, putty blade or wire brush, etc.

Step 2:

Pre-wet the substrate before the application of “Birla White WallSeal Waterproof Putty” to get the best efficiency in terms of smoothness, workability, coverage and higher adhesive strength. Pre-wetting can be carried out by brush; hose pipe spray or by sprinkling the water using a mug/cane. It is very important to ensure that the surface is wet during the application of Birla White WallSeal Waterproof Putty.

Step 3:

Slowly add 1 kg of Birla White WallSeal Waterproof putty to 36-38% clean water (1Kg putty+360-380 ml water) to make a consistent paste. Mixing should be carried out preferably using a mechanical stirrer (3-5 minutes) to obtain a creamy consistency. Leave the paste for 5 minutes after thorough mixing to get the best results. Prepared paste should be used within 3:00 to 3:30 hrs.

Step 4:

After thorough mixing, apply Birla White WallSeal Waterproof Putty's first coat on the pre-wetted wall/substrate surface uniformly with the help of a putty blade. Ensure that during the application, the substrate surface temperature should not exceed above 40-degree centigrade.

Step 5:

After the drying of the first coat of putty, rub the surface gently with a wet sponge or very gently with a putty blade in order to remove the loose particles.

Step 6:

Allow the surface to dry for at least 3-4 hours and then apply the second coat of Birla White WallSeal Waterproof Putty. Leave the surface to dry completely.

Step 7:

Leave the surface to dry preferably for 24 hours (ensure that the surface is fully dry-depends on climatic conditions) before the application of topcoat paint/distemper.

Step 8:

It is not recommended to rub the final coat of putty with rough emery paper; it might break the water repellence properties of Birla White WallSeal Waterproof Putty. However, if there is a need to remove unevenness/patches before applying any kind of paint/distemper, gently level the surface with a very fine water-proofing emery paper of not less than 500 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]	16-19	In House
2.	Pot life (Hours)	3.0-3.5	In House
3.	Tensile strength @28 days (N/mm ²)	≥1.0	EN 1348
4.	Water Capillary Absorption (ml),30 min@28 days	≤0.3	Karsten Tube
5.	Compressive strength @28 days (N/mm ²)	3.5-7.5	EN 1015-11
6.	Bulk Density (g/cm ³)	0.90-1.10	In House

*This value is on a smooth surface; however, this may change according to surface texture

Precautions:

- Putty paste is very harmful if swallowed, hence seek immediate medical attention in case of ingestion. Birla White WallSeal Waterproof putty should be kept out of reach for children.
- If irritation develops or persists on the skin while using Birla White WallSeal Waterproof Putty, immediately wash it with plenty of water and get medical attention immediately.

Do's:

- Ensure loosely adhered/dirt free wall surface.
- Pre-wetting of the wall/surface is a must for better bonding and coverage.
- Stir well before use.
- Store in a cool and dry place.
- Wear safety goggles during application. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- It is recommended to wear a suitable nose mask during sanding and surface preparation to avoid dust inhalation.
- Birla White WallSeal Waterproof putty should be kept out of reach for children.

Don'ts:

- Don't add excess water than prescribed.
- Don't apply putty directly on loosely adhered/dirt wall surface.

Birla White - A Unit of UltraTech Cement Limited,

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