BIRLA WHITE WALLSEAL Waterproof Putty

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

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Technical Parameters</th>
<th>Specifications</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>*Coverage (Sq. ft/Kg) [On Ideal smooth surface]</td>
<td>16-19</td>
<td>In House</td>
</tr>
<tr>
<td>2</td>
<td>Pot life (Hours)</td>
<td>3.0-3.5</td>
<td>In House</td>
</tr>
<tr>
<td>3</td>
<td>Tensile strength @28 days (N/mm²)</td>
<td>≥1.0</td>
<td>EN 1348</td>
</tr>
<tr>
<td>4</td>
<td>Water Capillary Absorption (ml), 30 min@28 days</td>
<td>≤0.3</td>
<td>Karsten Tube</td>
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<tr>
<td>5</td>
<td>Compressive strength @28 days (N/mm²)</td>
<td>3.5-7.5</td>
<td>EN 1015-11</td>
</tr>
<tr>
<td>6</td>
<td>Bulk Density (g/cm³)</td>
<td>0.90-1.10</td>
<td>In House</td>
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</tbody>
</table>

*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.