

Birla White Wallcare Putty

The Secret behind Beautiful Flakefree Wall



Birla White Wallcare Putty



TECHNICAL SPECIFICATION OF WALLCARE PUTTY "SF"

Properties	Unit	Specification	Test Method	As per HDB Singapore for Reference	Test Method
Tensile Adhesion Strength @ 28 days	N/mm ²	≥ 1.0	EN 1348	≥ 0.8	EN 1348
Compressive Strength @ 28 days	N/mm ²	3.5-7.5	EN 1015-11	7-12	EN 196
Setting time * - Initial Final	min	≥ 100 ≤ 500	EN 196	< 360 < 500	EN 196
Water Absorption @ 28 days for 24 hrs	ml	≤ 0.8	Karsten Tube	—	—
Water Absorption Coefficient	Kg/m ² . h ^{1/2}	≤ 1.0	DIN 52617	—	—
Water Retentivity	%	≥ 98	DIN 18555-7	> 95	EN 196

*Depend upon ambient temperature & atmospheric condition



For more information please contact:
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"Birla White Wallcare putty-SF" is a water resistant white cement based putty which provides a strong base on concrete/mortar walls (Internal and External) and ceilings. It is applied before painting of the wall. It fills the fine pores of the walls and ceilings, thereby providing a white, smooth and dry surface for painting. Being water resistant it provides a protective base which prevents expensive paint from flaking. "Birla White Wallcare Putty" has special added polymers and more adhesive strength which provides a strong base ensuring a longer life for the painted surface. It does not require water curing and it can even be applied on freshly plastered wall thus resulting in savings of time and cost. During repainting, the surface done up with "Wallcare Putty" requires minimum scrubbing thus eliminating the mess of dust, which is a health hazard especially for asthmatic patients. Its superior quality makes it the first putty in India to meet the global standards (HDB, Singapore).



Significant Benefits of "Birla White Wallcare Putty"

- ❑ Being a cementitious material it has better adhesiveness and durability with the concrete walls.
- ❑ Doesn't need any kind of primer on it before application of paint/distemper thus saving time & cost.
- ❑ Can be applied on both interior and exterior walls & ceilings.
- ❑ Gives a smooth, white & glossy finish surface, which effectively reduces the consumption of subsequent Paints & gives true tone of colour.
- ❑ It is in dry powder form and does not produce any kind of unpleasant smell at the time of application.
- ❑ It is Eco-Friendly. It does not contain lead, oil or toxic material.
- ❑ Has anti-carbonation properties thus protects the reinforcement bars from corrosion.
- ❑ Does not require any water curing after application thus saving time & cost.
- ❑ Is water resistant and can be applied on moist surfaces.
- ❑ Accepts any kind of paint or distemper application on it.
- ❑ Can be applied on used surface after proper preparation.
- ❑ It prevents the growth of algae and fungi on walls.

Application Procedure

Surface Preparation

Before applying "Birla White Wallcare Putty" remove all loosely adhering material from the wall surface with the help of sand paper, putty blade or wire brush. The substrate should be clean, free from dust, grease and loose materials. Moisten the wall with sufficient quantity of clean water.

Mixing of "Birla White Wallcare Putty"

Mix "Birla White Wallcare Putty" with 36-40% clean water slowly to make a paste. It is very important that water be added to putty to make a mix and not vice versa. Continue the mixing for 10-15 minutes till a uniform paste is formed. It is very important that the mixing of "Wallcare Putty" should be done thoroughly preferably with mechanical mixer. This will help in easy application, obtaining more coverage and smooth uniform shade. Only prepare a quantity which can be used within 2-3 hours of mixing with water.

Pre-wetting of the Substrate

It is very important and essential that the surface is wet thoroughly before the application of "Birla White Wallcare putty". The surface should be wet during application. This ensures higher bonding strength, easy workability & higher coverage with the surface.

Application of "Birla White Wallcare Putty" on the surface

- ❑ After thoroughly mixing "Wallcare Putty", apply the first coat on the moistened wall surface from bottom to upward direction uniformly with the aid of putty blade. This would ensure minimum wastage and proper finish.
- ❑ After drying of first coat of putty just rub the surface gently with wet sponge or very gently with the putty blade in order to remove the loose particles.
- ❑ Allow the surface to dry for atleast 3 hours and then apply second coat of putty. Leave the surface to dry completely. After drying of second coat remove any type of marks with the help of moist sponge or rub the surface very gently with the putty blade.
- ❑ Leave the surface to dry, preferably overnight / 10-12 hours.
- ❑ Always prepare a required quantity of putty and use it within 2-3 hrs of mixing with water.
- ❑ The total thickness of the coats should be limited to maximum 1.5 mm.
- ❑ It is not necessary to rub the surface done with "Wallcare putty". However, if at all there is a need to remove unevenness before applying any kind of paint/distemper, gently level the surface with very fine water proof emery paper of not less than 500 number to get a glossy white surface.

Precautions during application

- ❑ Mixing of the "Birla White Wallcare Putty" is very important. Hence extreme care is to be taken for proper and thorough mixing. It should be preferably mixed with mechanical stirrer in order to get best results. Mixing is to be continued till a uniform paste is formed. It is very important that during mixing the required amount of water should be added incrementally to "Wallcare Putty" and not vice-a-versa. (Do not add putty into water).
- ❑ "Birla White Wallcare Putty" should be always applied over wet surface.
- ❑ It is recommended not to rub the surface done with "Birla White Wallcare Putty" strongly and harshly with rough emery paper. This breaks the film formed over it which decreases the water repellency properties.
- ❑ In case of fresh concrete / mortar surface it is recommended that two coats of Birla White cement wash be done before application of "Wallcare Putty".

Coverage

The coverage area of "Wallcare Putty" on smooth normal mortar wall is 1.5 to 2.0 in two coats. The coverage area, however, will depend upon the nature of the substrate.

Note

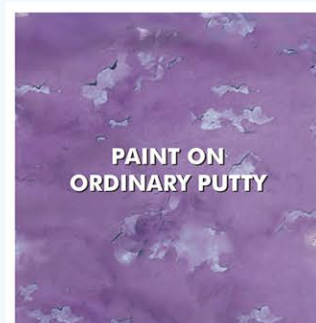
Generally the cause of efflorescence on the wall surface is the brick masonry, which is due to the quality of bricks, sand and water. If the effect of efflorescence is very high on the brick masonry then proper care should be taken to control the efflorescence. The efflorescence on brick masonry if allowed to exist will impair the bonding of the "Wallcare Putty" as is with any other product.

Storage

"Birla White Wallcare Putty" should be stored in a dry place. For best results use it within 6 months from date of manufacture.

Precautions during usage

- ❑ Though it contains non-toxic materials but still care should be taken to avoid dust inhalation while mixing and handling. In case of contact with eyes or mouth, wash with plenty of clean water.
- ❑ Keep it in a dry place and out of reach of children.
- ❑ Persons who are allergic to cement/cement products should take proper precautions before use.



PAINT ON
ORDINARY PUTTY



PAINT ON BIRLA WHITE
WALLCARE PUTTY

