



THE TATA PIGMENTS LTD
(An ISO 9001- 2015 certified company)
Sakchi Boulevard, Jamshedpur 831002

TECHNICAL DATA SHEET OF TATA WALLPLUS COARSE PUTTY

(CERTIFIED BY WACKER)

PRODUCT INFORMATION

Tata Wallplus Coarse Putty is white cement based, purely white coarse putty, which can be applied to cement plastered walls and ceiling. Tata Wallplus Coarse Putty is used for leveling unevenness of plastered walls and also used to cover the pinholes present in the cement plaster. Tata Wallplus Coarse Putty is a powder form product. It is used by mixing with specific amount of water on the cement plaster wall to make the level of wall surface.

First 1 or 2 coat (**Depending on finishing of cement plastered wall**) on cement plastered wall should be always of Coarse Putty (Tata Wallplus Coarse Putty) and, other two coat (Depending on finishing of wall) should be of Fine Putty (Tata Wallplus Putty).

SURFACE PREPARATION

Before applying Tata Wallplus Coarse 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 TATA WALLPLUS PUTTY

Mix Tata Wallplus Coarse Putty with (35-40) % 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 an uniform paste is formed. This will help in easy application, obtaining more coverage and smooth uniform shade.

PRE WETTING OF THE SUBSTRATE

It is mandatory that the surface is wet properly before the application Tata Wallplus Coarse Putty. The surface should be semi wet during application. This ensures higher bonding strength, easy workability and higher coverage with the surface.



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APPLICATION PROCEDURE

- After thoroughly mixing Tata Wallplus Coarse Putty apply the first coat on the moistened wall surface from bottom to upward direction uniformly with the aid of putty blade/trowel. This would ensure minimum wastage and proper finish.
- After drying the 1st coat of putty just rub the surface gently with the wet sponge or putty blade in order to remove the loose particles.
- Allow the surface to dry for atleast 4-5 hrs and then apply 2nd coat of putty. Leave the surface to dry completely.
- Leave the surface to dry overnight for 10-12 hrs
- The total thickness of the coat should be atleast 1.5mm

PRECAUTIONS DURING APPLICATION

- Mixing of the Tata Wallplus Putty is very important. Hence extreme care should be taken for proper and through mixing. Mixing is to be continued till a uniform paste is formed.
- Do not add putty into water
- Tata Wallplus Putty should be applied over wet surface
- It is recommended not to rub the surface of Tata Wallplus Putty strongly and harshly with rough emery paper. This breaks the film formed over it which decreases the water repellence properties

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 use plenty of clean water to wash the affected area
- Keep it in a dry place and out of reach of children
- Person allergic to cement or cement based product should take proper precaution before use.



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PROPERTY		TECHNICAL SPECS	TEST METHOD
APPEARANCE		WHITE POWDER	VISUAL TEST
WHITENESS(IN DEGREES)		>90	HUNTER SCALE TEST
WATER DEMAND FOR 100G OF DRY MIX SAMPLE		25-30 ML	LAB TEST
APPLICATION		CAN BE APPLIED BY PLAIN TROWEL	APPLICATION TEST
WORKABILITY		GOOD	-
POT LIFE (MINUTES)		30-40	LAB TEST
*SETTING TIME(MINS)	INITIAL(MINS)	60	-
	FINAL(MINS)	120	
COVERAGE (Sqft/coat/kg)		8 - 10	LAB TEST

NOTE:-

****Actual coverage may vary depending on the surface porosity, surface roughness, temperature and application technique.**

*** Setting time is checked @27±2 °C & RH= 60 ± 5**

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Dy Manager (R&D)