



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

## **TECHNICAL DATA SHEET OF WALLPLUS PUTTY**

### **(CERTIFIED BY WACKER)**

#### **SURFACE PREPARATION**

Before applying Tata wallplus 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 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 surface.

#### **PRE WETTING OF THE SUBSTRATE**

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

#### **APPLICATION PROCEDURE**

- After thoroughly mixing Tata Wallplus 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 1<sup>st</sup> 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 2<sup>nd</sup> 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



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### **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)	>93	HUNTER SCALE TEST
WATER DEMAND FOR 100G OF DRY MIX SAMPLE	39 ML	LAB TEST
APPLICATION	CAN BE APPLIED BY PLAIN TROWEL	APPLICATION TEST
WORKABILITY	GOOD	-
POT LIFE (MINUTES)	>150	LAB TEST
*SETTING TIME(MINS)	INITIAL(MINS)	305
	FINAL(MINS)	366
WATER RETENTION OF THE MIX (%)	99.75	DIN 18555
ABRASION RESISTANCE(mm3)	205	-
WATER VAPOUR PERMEABILITY(m)	2.17	DIN 52625
FLEXURAL STRENGTH(N/mm2) After 7days >95 RH + 21 d sc	3.0	EN 12808-3
COMPRESSIVE STRENGTH(N/mm2) After 7d 95±5 %RH +21 d sc	6.5	EN 1015-11
SHRINKAGE(mm/m) Ater 28 d sc	1.37	EN 12808-4
COVERAGE(sq ft/kg/coat)	21.5 – 26.9	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**

*Mohua Srinivasulu*

**Ast Manager (R&D)**