



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

TECHNICAL DATA SHEET OF BASE COAT CEMENT PAINT

Tata BASE COAT WHITE is a matt finish economical grade CEMENT PAINT, ideally suited for exterior cemented walls, all types of masonry surfaces like bungalows, multi-storied buildings, bridges, dams, houses, buildings of general public, etc. and can also be used for interior as well as exterior masonry cemented surfaces.

PERFORMANCE FEATURES

1. BASE COAT WHITE gives very good protection to all kinds of masonry surfaces. It binds strongly with the base plaster, forms a protective base and gives total protection against flaking.
2. It gives very good protection from severe climatic conditions like rain, heat, water, humidity, salt atmosphere near sea-shores, to all types of cemented walls, surfaces.
3. It fills up the fine pores in the walls and ceiling, giving you a smooth and dry surface for painting on all types of masonry surfaces. It hides out various surface irregularities, hair lining, and roughness etc. thereby giving smooth and pleasing appearance to all cemented masonry surfaces where it is applied.
4. It is made of water repellent /preservatives which prevents the growth of fungus & bacteria on masonry surfaces.
5. It is purely non-toxic & Eco friendly in nature with calcium substitutes providing health benefits.

SURFACE PREPERATION

The surface to be painted must be free from all dust, grease, traces of paint flakes, fungus,etc. the surface previously coated with paint must be cleaned thoroughly with a stiff coir brush, to remove dust, dirt chalking or any friable material. This ensures proper adhesion of new paint system. All structural cracks must be open in V shape filled with white cement/cement based plasters. All leakages should be stopped before actual painting. Freshly plastered surface must be allowed to cure completely.

COLOUR PROPERTIES

High performance colour pigments that offer excellent smooth and matt finish to the wall and can be applied on all types of surfaces.



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CURING PROPERTIES

No curing required.

DRYING PROPERTIES

Surface dry within 15 Min*

Overcoating time(@27±2 0C & RH= 60 ± 5) : 1 hrs *

SHEEN LEVELS

Matt Finish

THINNING PROPERTIES

1kg cemplus thinned with 1000ml of water

FLASH POINT

IS :101/1987 part 1, section 6 – Not Applicable

STABILITY OF THINNED PAINT

To be used within 1 hours (Under Standard condition)

OPACITY

Provides good opacity to the surface, protecting it against all damages.

COVERAGE

2.2 sq ft/kg/coat, on normal masonry surface by brush application.**

SHADE RANGE

Bluish White

PRECAUTIONS

- Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hrs of application
- Do not over-thin or over-extend the brush
- Do not paint when it is raining
- Do not use saline water for sprinkling
- Avoid application of paint under strong direct sun as it may cause fast drying, brush marks and even patchy surfaces
- If the surface is too absorbent then the first coat may have to be applied with more than usual thinning



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NOTE:-

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

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

Mohua Ghoshababu

Ast Manager (R&D)