



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

TECHNICAL DATA SHEET OF CEMPLUS CEMENT PAINT

Tata Pigments Cemplus is a water proof cement paint to give extra protection to buildings in different weather conditions. This provides a hard, durable coating which resists penetration of moisture and does not rub, flake or peel off from the surface.

PERFORMANCE FEATURES

Tata Pigments Cemplus cement paint has good opacity. It has anti fungal and anti algal properties which makes it a long lasting paint. It can be directly applied over porous surfaces of masonry, concrete, common bricks and rough plastics. This can be used for internal as well as external surfaces for a hygienic, water proof and decorative finish.

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 matt finish to the wall and can be applied on all types of surfaces.

CURING PROPERTIES

2 - 3 times curing after first coat within next 8-16hrs. Apply 2nd coat after 8-16 hrs and then again 2 – 3 times curing.

RECOMMENDED SYSTEM FOR APPLICATION



DRYING PROPERTIES

Surface dry within 8 hrs*

Overcoating time(@27±2 0C & RH= 60 ± 5) : 14-16 hrs *

SHEEN LEVELS

Matt Finish



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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 1.5 hours (Under Standard condition)

OPACITY

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

COVERAGE

15 - 25 sq ft/kg/2coats, on normal masonry surface by brush application.**

SHADE RANGE

All the shades available in the Cemplus shade card.

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 foe 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

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

Dy Manager (R&D)