



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

TECHNICAL DATA SHEET OF ECOPLUS EMULSION

Ecoplus Water base emulsion is Acrylic smooth emulsion which offers an anti-algal and high Performance interior and exterior wall finish.

PERFORMANCE FEATURES

Tata Pigments Ecoplus Exterior Emulsion has good opacity, offers excellent resistant to chalking and has great surface finish. It has good anti fungal and anti algal properties which makes it a long lasting paint. It can be directly applied over surface primed with Tata Wallplus Primer, exterior cement plasters, exterior ceilings, asbestos sheets, concrete etc.

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 and binder technology that offers excellent resistance to Ultraviolet radiation. Offers brighter, cleaner shades that will not fade.

ANTI-ALGAL PROPERTIES

Anti-algal Formula which fights the formation of algae and keeps ugly black spots away from the walls.

CURING PROPERTIES

No curing required.

RECOMMENDED SYSTEM FOR APPLICATION

EMULSION (1 COAT)

DRY (4-6 hrs)

EMULSION (2 COATS)

DRYING POPERTIES

Fast drying property. Surface dry is within 35 mins.
Overcoating time(@27±2 0C & RH= 60 ± 5) : 4 – 6 hrs



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SHEEN LEVELS

1-6 at 60 deg GH. Matt level

THINNING PROPERTIES

1 liter emulsion in 750 ml water

FLASH POINT

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

STABILITY OF THINNED PAINT

To be used within 8 hours

OPACITY

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

COVERAGE:

120 -140 sq ft/lit/coat, on normal masonry surface by brush application.**

SHADE RANGE

All the shades available in the Ecoplus Emulsion 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
- Stir well and strain before use
- Do not use any colourants after tinting without an approval from the technical division of Tata Pigments
- Ensure that horizontal surfaces like top of the windows, ledges etc. are painted with 3 coats for greater protection

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

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Ast Manager (R&D)



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