



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

**TECHNICAL DATA SHEET OF PREMIUM EXTERIOR EMULSION(REGALIA)**

Tata Pigments Regalia Exterior Emulsion is pure Acrylic smooth emulsion which offers an anti-algal and high performance interior and exterior wall finish.

**PERFORMANCE FEATURES**

Tata Pigments Regalia Exterior Emulsion is a 100% pure acrylic emulsion. It is based on a U.V. resistant acrylic binder, lightfast pigments and has good opacity. 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 offer 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 30 mins.\*

Overcoating time( @27±2 0C & RH= 60 ± 5) : 4 – 6 hrs \*

**SHEEN LEVELS**

6 - 12 at 60 deg GH. Matt level on Standard surface



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**THINNING PROPERTIES**

1 liter emulsion in 750 ml water (As required on different surfaces)

**FLASH POINT**

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

**STABILITY OF THINNED PAINT**

To be used within 24 hours (Under Standard condition)

**OPACITY**

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

**DIFFERENTIAL PROPERTIES**

Strong Adhesion to Masonry Substrates. Superior sheen. Low VOC content.

**COVERAGE:**

140 -160 sq ft/ltr/coat, on normal masonry surface by brush application.\*\*

**SHADE RANGE**

Currently available in Brilliant White and more than 1000 shades as per the colour cards

**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.**

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

*Mohua Guinhababu*

**Ast Manager (R&D)**