



*An ISO 9001 & 14001 Certified Company*

### *Technical Data Sheet*

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## **INDOFIL AC 261**

### **Pure Acrylic Emulsion for Premium paints**

**Indofil AC-261** is 100 % acrylic emulsion polymer with small particle size. It is used for wide range of paint formulations, resulting in coatings with excellent long-term durability.

**Indofil AC-261** provides outstanding balance of high gloss, early block resistance, very good color development and outstanding wet adhesion to wide variety of surfaces such as wood, smooth concrete surfaces, old chalky painted surfaces, etc.

**Indofil AC-261** is low foaming and quickly develops hardness which imparts excellent dirt pick-up resistance in exterior paints formulated with it.

#### **PHYSICAL PARAMETERS:**

Appearance	: Milky White Emulsion
Solid Content (150 ° C/ 20 min)	: 50 ± 1%
pH (As Such)	: 8.5-9.5
Viscosity (Brookfield LVF # .2/30 @ 25 °C)	: 50-200 cps
Particle Size	: 0.1- 0.11 micron
Specific Gravity	: 1.0-1.1 gm/cc
Film Clarity	: Clear, no bits, tackfree
MFFT	: 16±2 °c



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### **EMULSION PROPERTIES:**

- Excellent scrub and DPUR resistance
- Excellent resistance to chemicals, alkali, acid, salt water,
- High gloss & pigment binding properties
- Good freeze thaw, divalent ions & pH stability
- Good resistance to mechanical processes like pumping & mixing
- Excellent Block resistance
- Stable at high temp
- Excellent response to rheology modifiers.

### **RECOMMENDED USES:**

- Premium quality exterior paints
- Interior paints & textured finishes

### **ADVANTAGES:**

- Contributes to excellent long term durability, excellent water resistance, and excellent resistance to hydrolysis on masonry.
- Contributes to excellent paint formulation cost / property balance.
- Allows painted surfaces to maintain their appearance over time.
- Offers additional advantages from the standpoint of toxicity, fire hazards, ease of clean up and air pollution control laws.



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### **STORAGE:**

Indofil AC 261 is non-flammable, non-combustible. It should be stored under shade. It should not be exposed to direct sunlight.

### **SHELF LIFE:**

12 months from the date of manufacturing

### **Disclaimer:**

**The suggestion and data in this bulletin are based on information we believe to be reliable. It is offered in good faith, but WITHOUT GUARANTEE, as the conditions and methods of the use of our products are beyond our control. We ALWAYS recommend that the prospective user should determine the suitability of our products and suggestions on an experimental basis first, Before ADAPTING on a commercial scale.**

*Prepared on 25 th June 2013 ( Indofil/SPCD/Coating/June 2013/Rev. 0)*

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### **Registered Office:**

**Kalpataru Square, 4<sup>th</sup> Floor, Kondivita Road, Off Andheri Kurla Road, Andheri (E), Mumbai-400 059. India**