

*An ISO 9001 & 14001 Certified Company*

***Technical Data Sheet***

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**INDOFIL MC-76**

**Modified acrylic emulsion polymer specially for modifying cementitious compositions.**

Cement Mortars modified with Indofil MC-76 are hard, tough and durable compared with unmodified mortars. They are especially useful where thin sections are desirable and where excessive vibration and heavy loads are encountered.

**PHYSICAL PROPERTIES:**

Appearance	: Milky white emulsion.
Solid content (150°C/ 20 min.)	: 47.0 ± 0.5%
pH when packed	: 8.0-10
Viscosity (Brookfield LVF#1/60 @ 25°C)	: 160 cps Max.
Film test (draw down 250-micron ambient temp.)	: Clear, free from bits, Slightly tacky
MFFT	: 10°C-12°C
Specific gravity of emulsion (typical)	: 1.025-1.035
Film casting test @54°C dried overnight on rolling.	: Flexible, doesn't crack

**PROPERTIES:**

- Excellent corrosion and water resistance.
- Complete flash and early rust resistance.
- Cures in damp enclosed areas.
- Outstanding flexibility.
- Excellent weatherability and Ambient cure.
- Solvent-free composition.



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#### **ADVANTAGES:**

- Cement mortars, flooring, plasters modified with Indofil MC-76 have superior flexural, bonding and impact strength, as well as excellent abrasion resistance.
- Indofil MC-76 has excellent waterproofing capability and widely used for waterproofing of floors, rooftops, and maintenance of seepage and leakage. It can be used for crack filling and as tile jointing compound mixing with white cement.
- Indofil MC-76 modified cement mortars doesn't require wet curing as Indofil MC-76 holds the water in the system sufficient for cement curing.
- Indofil MC-76 increases workability of the mortar at one side, at other side thin sections dry rapidly.
- Indofil MC-76 modified cement mortars are resistant to many industrial chemicals, U/V rays and heat.

#### **RECOMMENDED USES:**

Indofil MC-76 can be used to formulate two component cementitious metal primers that provide low cost excellent protection for both interior and exterior substrates. The cementitious primers based on Indofil MC- 76 are essentially without odor, flammability or other hazards inherent with solvent-borne systems.



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#### **STORAGE:**

Indofil MC-76 is non-flammable, non-combustible. It should be stored under shade. It should not be exposed to direct sunlight.

#### **SHELF LIFE:**

6 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.**

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