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***Provisional Technical Data Sheet***

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**INDOFIL MC 401**

Acrylic emulsion polymer especially for flexible cementitious compositions

**Indofil MC 401** is aqueous, anionic, plasticizer free acrylic- styrene copolymer dispersion.

**PHYSICAL PARAMETERS:**

Appearance	: Milky white emulsion
Solid Content (150°C/30 min.)	: 56±1%
Viscosity (Brookfield RV#4/30 @ 25°C)	: 1000±400 cps
pH (As Such)	: 7.0 to 8.5
Specific Gravity (gm/cc)	: 1.03 to 1.04

**PROPERTIES:**

- Cementitious mortar modified with Indofil MC 401 exhibits excellent flexible coating along with improved physical & chemical resistance properties
- Good adhesion on old concrete & masonry surfaces
- Good resistance to ageing and stability to light

**RECOMMENDED USES:**

- Flexible hydraulic mortars for laying tiles.
- Flexible waterproof, two component adhesive mortars.



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#### **APPLICATION METHOD:**

Generally 20-30% modification of polymer solids based on cement weight should result in excellent water proofing & flexible coating. The other ingredients such as silica flour, chalk, ground quartz & defoamer to be added according to need and prior to application of coatings.

It is also mixed together with bitumen emulsions & for modifying hydraulic binders & granular aggregates. Especially systems for bridging over cracks and flexible coating for flat roof can be produced from it.

#### **STORAGE:**

Indofil MC 401 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.

***Prepared on 16<sup>th</sup> August 2021 (Indofil/SPCD/Coating/MC 401/August 2021/Rev.1.0)***

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