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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.)	: 57±1%
Viscosity (Brookfield RV#4/100 @ 25°C)	: 1000-3000 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