

## Technical Data Sheet

Textile  Coating  Leather  Plastic

### INDOFIL MC 401

Acrylic emulsion polymer especially for flexible cementitious compositions

#### Product Description

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

#### 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

#### Advantages

- ❖ 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 roofs can be produced from it

#### Recommended Uses

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

# INDOFIL MC 401

## Typical Physical Properties

### Specification data

### Value

❖ Visual Appearance	Milky white Emulsion
❖ Specific gravity at 30°C	1.03 ± 0.2
❖ Solid content	56.0 ± 1.0 %
❖ pH (As Such)	7.0- 8.5
❖ Film test (draw down 250-micron ambient temp.)	Clear, free from bits, Tacky
❖ Viscosity (Brookfield LVF#1/60 @ 25°C)	500 -1500 cps

- These figures are only intended as a guide and should not be used in preparing specifications

## 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

12 months from the date of manufacturing.

## Packaging

Available in 245 kg HDPE containers.