

## Addicur M

Cementitious Waterproofing Compound

### Description:

- **ADDICUR M** is cementitious waterproofing compound, modified with specially formulated synthetic resins and quartz fillers supplied in powder form.
- Penetrates the concrete surface through moisture absorption and reacts with the free lime forming a hard crystalline material, blocking the pores from water penetration and becoming an integral part of the structure.
- Complies with Egyptian code of practice for damp and water proofing.
- Complies with CMBI Technical Spec. No. 1010
- Complies the requirements of National Organization for Potable Water.

### Fields of Use:

- Underground and elevated water tanks, swimming pools, water and sewage units, dams and bridges, foundations and basement, underground structures, damp and drying rooms, oil units etc.

### Advantages:

- **ADDICUR M** forms a tough, permanent waterproof layer as an integral part of the structure.
- Does not affect or harm drinking water.
- Is used for the waterproofing of concrete tanks and structures below ground water level.
- In some applications does not need the traditional protection like plastering or screeds.
- Is highly resistant to aggressive chemicals and salts in soil.
- It is water-proofed against direct & negative high water pressure.
- Adheres firmly on smooth and rough surfaces.
- Permanent protection for concrete elements from rusting of steel reinforcements.

### Technical Data :( at 25° C)

colour	Grey, white
Density (Powder)	1.75 ± 0.05 kg/l
(Dry mortar)	(2.0 ± 5%) kg/l
Mixing ratio by wt. (addicur M : water)	5 : 1
Water permeability (7 bar) DIN 1048	Nil (at 3mm thickness)
Compressive strength (7 day) ASTM C 109	260 kg/ cm <sup>2</sup> ± 2%
(28 day) ASTM C 109	317 kg/ cm <sup>2</sup> ± 2%
Tensile adhesion strength (to concrete) EN 1348	8kg/ cm <sup>2</sup>
Minimum no. of coats:	2layers for moisture insulation & 3 layers for waterproofing (increase with high water pressure according to the Egyptian code).
Rate of use (per coat)	1.25 - 1.5 kg/ m <sup>2</sup>
Total rate at hydrostatic pressure (hm)	3 + 0.75h kg/ m <sup>2</sup>

### Directions for Use:

- Mix **ADDICUR M** powder only with water at ratio 2 : 1 by volume (13-15 L water added to 50 kg powder) to obtain the desired consistency ( thick slurry).
- Saturate dry surfaces with clean water just prior to applying Addicur slurry directly onto concrete surfaces.
- To improve Bond, elasticity for special applications as fair face concrete add 4% by weight of Addicur M with Addibond or Addibond 65 to the mixing water.
- Apply required number of coats after drying of previous coat (about 6 hours) clean it with a soft brush to remove loose particles, then moisturize and paint in perpendicular direction.
- Clean tools by water.

# Waterproofing Products

## Safety Precautions:

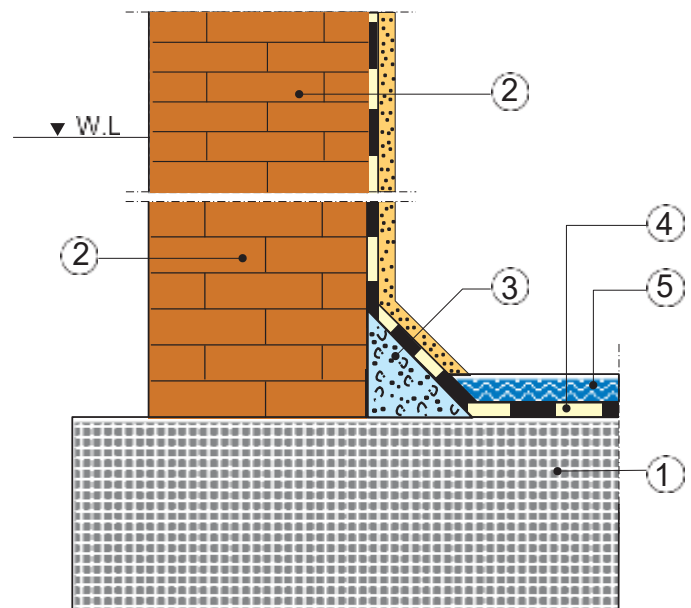
- Wear gloves, overalls and goggles during handling application.
- In case of contact, rinse off thoroughly with water.
- Wash hands with soap and water after use.

## Storage / Shelf-Life:

- 12 months under dry and suitable storage conditions.

## Packages:

- 5 kg, 25 kg and 50 kg.



- 1- Reinforced concrete
- 2- Brick wall
- 3- Angle fillet 50 x 50 mm
- 4- ADDICUR M
- 5- Protective layer

**ADDICUR M** inside waterproofing  
against negative water pressure



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Great Products