**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 impermeability test (DIN 1048).
- Complies colour fatness (ESS 819).
- 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:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>grey</td>
</tr>
<tr>
<td>Density (Powder)</td>
<td>1.66 ± 0.02 kg/l</td>
</tr>
<tr>
<td>(Dry mortar)</td>
<td>2.0 ± 0.2 kg/l</td>
</tr>
<tr>
<td>Mixing ratio by wt. (addicur M : water)</td>
<td>5 : 1</td>
</tr>
<tr>
<td>Water permeability (7 bar) DIN 1048</td>
<td>Nil (at 3mm thickness)</td>
</tr>
<tr>
<td>Compressive strength (7 day) ASTM C 109</td>
<td>200 kg/cm²</td>
</tr>
<tr>
<td>(28 day) ASTM C 109</td>
<td>240 kg/cm²</td>
</tr>
<tr>
<td>Tensile adhesion strength (to concrete) EN 1348</td>
<td>8kg/cm²</td>
</tr>
<tr>
<td>Rate of use (per coat)</td>
<td>1.25 - 1.5 kg/m²</td>
</tr>
</tbody>
</table>

Description:
- **ADDICUR M** is a 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 impermeability test (DIN 1048).
- Complies colour fatness (ESS 819).
- 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.
**Waterproofing Products**

**Directions for Use:**
- Mix **ADDICUR M** powder only with water at ratio 5 : 1 by weight or 3 : 1 by volume, to obtain the desired consistency (thick slurry).
- Saturate dry surfaces with clean water just prior to applying Addicur slurry directly onto concrete surfaces in two or more coats, depending on water pressure.
- To improve Bond, elasticity for special applications add 4% by weight of Addicur M with Addibond or Addibond 65.
- Clean tools by water.

**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:**
- 12 months under dry and suitable storage conditions.

**Packages:**
- 5 kg, 25 kg and 50 kg.

---

**Diagram:**

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