

# MuCIS® mia 210/PH

## MIGRATING ANTICORROSION INHIBITOR SILANE REACTIVE FOR CONCRETES

**CE** approved – Certificate n. 1305 - CPD - 0809  
EN 1504-2 tipo ZA.1a

**Description** MuCis® mia 210/PH is a product formulated with migrating anticorrosion inhibitors and silane reactive groups for deep water-repellent impregnation in the porosity of reinforced concretes and the corrosion inhibition of the contained reinforcement steel bars.  
It contains migrating corrosion inhibitors MuCis®. Absorption through capillary suction and deep migration.

**Advantages**

- Total and deep migration into the concrete
- Reactivity with free bonds in the concrete capillaries
- Synergic protective efficacy : corrosion inhibiting hydrophobization
- Elimination or very strong reduction of water absorption in the internal capillarities
- The protective effect increases vs time as consequence of completion on the internal reactivities with the internal surfaces of the conglomerate.
- Protective ionization, cathodic and anodic
- Alkaline resistant
- Compatibility with proper paints (TECNORIV AC 100 recommended)
- Limited volatility of active components
- No interference on water vapour permeability
- Increased resistance to frost / thaw cycles

**Fields of use** For the corrosion inhibiting protection and deep waterproofing of concrete and reinforced concrete structures.

**Method of use** The product is applicable by spray at low pressure without any dilution, normally in 2-3 layers with distance of 15-20 minutes. Do not apply in presence of rain.

**Remarks** Apply on uniformly dry surfaces.  
Avoid wetting or rain after application.

**Packaging** Pails of 5 Kg or 20 Kg.

**Consumption** 250 ÷ 450 g/m<sup>2</sup> depending on concrete porosity.

**Storage** One year in the original unopened packaging and in protected areas with temperature between 0°C and 35°C. After expiring time, check performances with a quality control in order to verify further using possibilities.

**Technical characteristics (typical values)**

- Form: colourless liquid
- Solvents: NO
- Odour: light
- Viscosity: 0,95 m.Pa.s
- Density: 0,89 Kg/liter
- Application temperature: +5°C ÷ +35°C

**Precautions** Avoid inhalation of aerosol. Use protective glasses and gloves. In case of contacts, wash abundantly with water.

**Safety indications** Read carefully the safety indications on the packaging, or consult the relevant safety data sheet of this product.

The above information is based on our best experiences and lab results and on results of the application of the product in various fields. Tecnochem Italiana is not responsible for negative performances due to not proper use of the product or for defects due to elements not connected with the quality of the product included wrong storage. Technical characteristic in this technical data sheet are up-to-dated periodically. Revision date of this technical data sheet is indicated below

Emission date : 03/2006  
Revision date : 12/2008

Rev. No. 1

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