



Very  
High  
Durability  
Repair &  
Prevention  
System



Certified Quality System since **FEBRUARY 1993**

*From Project to Jobsite*

## MuCis<sup>®</sup> mia 200

### MIGRATING MULTIFUNCTIONAL CORROSION INHIBITOR FOR PROTECTIVE IMPREGNATION OF SURFACES OF PRE-EXISTING REINFORCED CONCRETE STRUCTURES

**Description** MuCis<sup>®</sup> mia 200 is a multifunctional corrosion inhibitor. Provides anodic and cathodic\* protection, at interface contact steel/concrete, and by migration: by its nature, the vapor pressure of the molecules allow migration through porous concrete to reach the internal steel reinforcement, protecting and prolonging the life of the structure.

**NOTE\***: together with the anti-carbonation finish **TECNOSOLID 82/WP + TECNORIV AC 100** (see Specification).

**Advantages** MuCis<sup>®</sup> mia 200 can be used as such, but achieve above all optimal synergy in combination with our systems VHDRS<sup>®</sup> (Very High Durability Repair and Systems), to protect the steel bars of the reinforcement against corrosion reactions, cathodic or anodic.

- Migrates through the concrete
- Inhibits corrosion processes. Does not contain any nitrites, it is an organic solution in water.
- It is not toxic. Easy to apply by brush, roller or spraying

**Fields of use** MuCis<sup>®</sup> mia 200 is recommended for all structures in reinforced concrete, normal or pre-compressed, particularly when used in heavy stressed environments like bridges, viaducts, garages, parking lots, marine structures, etc.

MuCis<sup>®</sup> mia 200 is also a part of our systems VHDRS<sup>®</sup> (Very High Durability Repair and Systems). For repair and restoration of deteriorated reinforced concrete. For the prevention, for maximal protection and synergy of structures in reinforced concrete.

**Method of use** Apply in 1 or 2 layers with an interval of 8 hours. After the second layer, when the surface is opaque, wash with water; after 1 or more days, wash again the surface with 100 bar pressure. On substrates, previously scarified and washed, concrete repair mortars of fairing coats can be applied : our products of the family VHDRS<sup>®</sup> - Very High Durability Repair & Prevention Systems (as example **BS 38/39-2,5** to thickness , **BS 38 FINISH as fairing coat**).

**Packaging** Can of 5 Kg and 20 Kg  
Drum of 220 Kg.

**Consumption** From 150 to 300 gr/m<sup>2</sup>

**Storage** Keep away from frost. It can be kept for 2 years in original unopened packaging.

**Technical characteristic (typical values)**

- Aspect : white / amber liquid
- pH : 8,9-9,4
- Flash point : not appliable (water based)

**Precautions** Do not apply at temperature lower than +1 °C. Apply on clean, sound and dry substrates without old paints, fats, oil or other foreign substances.

**Safety indications** Read carefully the safety indications on the packaging, or consult the relevant Material 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

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MuCis<sup>®</sup> mia 200  
pag. 1/1