

MuCis[®] mia 210/PH

SILANE REACTIVE MIGRATING CORROSION INHIBITOR FOR CONCRETES

 approved – Certificate n. 1305 - CPD - 0808
EN 1504-2 prospect 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 reinforcement steel bars in the concrete.
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 and hydrophobation.
- Elimination or very strong reduction of water absorption in the internal capillaries.
- The protective effect increases vs time as consequence of completion on the internal reactivity 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 with low pressure spray without any dilution, normally in two/three hands at a distance of 15-20 minutes from each other.
Do not apply when it rains.

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

Packaging Can of 20 and 5 Kg.

Consumption 250 ÷ 450 g/m² depending on the porosity of the concrete.

From Project to Jobsite

- Technical characteristics (typical values)**
- Form: colourless to pale yellow liquid
 - Solvents: none
 - Odour: light ammonia
 - Density: 0,87 Kg/litre
 - Application temperature: +5 °C ÷ +35 °C

Performance characteristics	Method of testing	Unit of measurement	Typical values	Threshold values according EN 1504-2
Drying test	EN 13579	%	> 70 (class 1)	class 1 > 30% class 2 > 10%
Depth of penetration	EN 1504-2 (pr. 3, n° 19)	mm	11,7 (class 2)	class 1 < 10 class 2 > 10
Water absorption and alkali resistance	EN 13580	%	AR < 6,5 AR _{alk} < 6,5	AR < 7,5 AR _{alk} < 10

Storage Shelf life of a year in closed original container and in protected environment with temperatures between 0°C and 35°C. After this period, we recommend a quality control check for any further usage possibilities.

Precautions Do not inhale the aerosol. Use gloves and eye protection. In case of contact rinse thoroughly with water.

Safety indications Carefully read the instructions on the packaging or consult the MSDS of the 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. Changes of this data sheet can be found in our web-site www.tecnochem.it where you can find the same technical data sheet updated in real time