

Intaktin Bio

Highly effective, phytogetic oil-based mixer protection with corrosion inhibition



PRODUCT PROPERTIES

- Based on phytogetic oils with integrated corrosion protection
- Forms a water repellent and long lasting protection film
- Minimizes adhesion of concrete and mortar residues
- High protection against corrosion
- Very good creep effect
- Can be applied onto dry, moist and wet surfaces
- Easy cleaning and care
- Releases even old adhesions
- Fast biodegradable per OECD 301 F
- Solvent free
- Easily sprayed
- Ready to use

AREAS OF APPLICATION

- Mixer protection of concrete mixers and pumps as well as any type of construction equipment, such as mortar mixers, concrete skips,
- For protection and preservation of formworks as well as rails and magnets in precast factories
- Loosens rusted screw threads

APPLICATION ADVICE

General Information: Intaktin Bio is a highly effective mixer protection, a complex combination of phytogetic oils and specifically adhesion reducing substances. In addition Intaktin Bio contains a special corrosion protection to ensure steel passivation. To achieve a good protection a regularly use is recommended.

Application: The processing of Intaktin Bio is usually carried out after cleaning the equipment, e.g. at the end of the shift.

The material is applied thinly and evenly to the steel surface, which has been cleaned of old, firmly adhering concrete and mortar residues. Due to the special formulation of Intaktin Bio, it can be applied onto moist, wet and rusty substrates. In combination with water, a whitish emulsion is formed, which also serves as an application control.

The application is usually done by spraying. Suitable spraying equipment includes MC- Spezialspritze as well as commercially available oil-resistant sprayers, e.g. Gloria 510 T or Mesto Ferrum Plus 3560 P/3580 P. Application with a brush or cloth is also possible.

To avoid air ingress into the concrete, it is recommended to spray with water before using the device.

Further Information: Devices regularly maintained with Intaktin Bio are easy and quick to clean; in most cases it is sufficient to rinse or spray with a water hose. Concrete and mortar residues that have not yet reacted can also be easily removed.

If Intaktin Bio is used correctly there are no adverse effects on the concrete and mortar production. However, excessive use can lead to an influence on the air void content.

Intaktin Bio is not suitable for external use in mixing vehicles. Commercial paints and seals can be attacked, preliminary tests are recommended.

TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Density	g/cm ³	approx. 0.915	at 20°C
Application conditions	°C	> 0 ≤ 80	substrate temperature
		> 0 ≤ 35	air temperature
Consumption	ml/m ²	approx. 30 - 50	depending on substrate and application
Flash point	°C	> 300	
Water pollution hazard class		WGK 1	slightly hazardous to water
Biodegradability	%	≥ 89	after 28 days per OECD-301 F
Base	Plant-based oils with additives		
Form	liquid		
Colour shade	bright yellow		
Delivery form	30 l canister, 200 l drum, 1000 l container		
Self-monitoring	EN ISO 9001		
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.		
Packaging disposal	Make sure single-use containers are completely empty. Ensure compliance with our information leaflet "Return of Emptied Transportation and Sale Packaging". We will be glad to send you this on request.		

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2200007981]