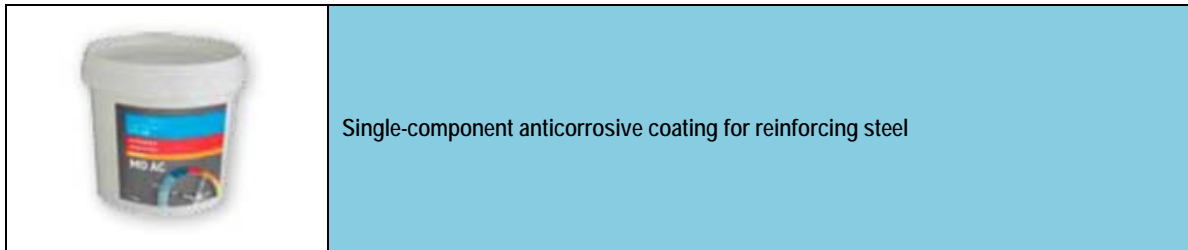


MO AC

Anticorrosive coating



Single-component anticorrosive coating for reinforcing steel

APPLICATION:

Powder material, which, after mixing with water, forms a coating for the protection of reinforcing steel against corrosion. This product can be used in the maintenance of reinforced concrete (especially on building elements loaded with chlorides). Surface treatment of reinforcing steel under the **MO 50** repair repointing mortar. **This product should be applied immediately after cleaning the reinforcement!**

Characteristic features:

- hydraulically-setting stable coating
- excellent adhesion to concrete reinforcement

COMPOSITION:

Aggregates, cement, redispersible polymer, corrosion inhibitors, and other additives improving processing and end-use properties of the product.

TECHNICAL PARAMETERS:

Grain size	0-0.3 mm
Amount of mixing water:	approx. 0.20 l/kg
Ph value	12-13
Adhesion to base – steel	min. 0.3 MPa
Spreading rate	approx. 1.6 kg/m ³
Required number of layers (coatings):	min. 2
Minimum thickness of coating	1 mm
Usage – at layer of 1 mm (2 coatings on steel Ø 14 mm)	approx. 190 g/running metre
Air and base temperature during processing	+5°C to +30°C
Pot life	approx. 1 hours
Drying time (at +20 °C and 65 % relative humidity)	approx. 5 hours *)
Method of application:	by brush
Cleaning agent in fresh condition	water

NOTE: The technical parameters are determined under standard conditions (20 ± 2)°C and (65 ± 5)% of relative air humidity. Lower temperatures and higher relative humidity prolong the time of drying and load-bearing capacity!

BASE PREPARATION:

The corroded reinforcement should be exposed on a place to be repaired (including the bottom side), and thoroughly cleaned from rust (high-pressure cleaning, sand blasting, or steel brushes are recommended). Prior to application of coating, the surface must be clean, free of rust, dust, grease, and other impurities, and should not be frozen.

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Mixing procedure:

Pour the dry mixture gradually into water, stir it with a low-speed mechanical stirrer, such as drill with a stirrer attachment (speed of approx. 400 rpm) for approx. 4 minutes to produce a dense, homogeneous, and well applicable suspension. The mixture should still be stirred during application.

PROCESSING:

Using a brush, apply the suspension on a reinforcement that is free of rust and dirt – apply two layers in a continuous layer, with a time delay of approx. 3 hours. The thickness of coating layer is at least 1 mm (the minimum layer must also be applied to steel ribs). After hardening the second coating (at +20°C not sooner than after 5 hours), reprofiling mortar MO 50 is applied (but not later than after 7 days). Working tools should be continuously cleaned with water.

CAUTION:

- The mixture can be mixed only with drinking water, or water conforming to standard EN 1008.
- It is inadmissible to add additional binders, aggregates, and other additives. Sifting of the mixture is inadmissible too.
- The mixture can be processed only under air and base temperature ranging from +5°C to +30°C. Lower temperatures and higher relative humidity prolong the time of drying and load-bearing capacity!
Do not apply if frost conditions are expected!
- Unused residues should be mixed with water and allow them to harden – they can be disposed of as construction wastes; contaminated containers should be disposed as of hazardous wastes (see the Safety Data Sheet).
- Only completely emptied and clean packaging may be handed over to recycling.

FIRST AID, SAFETY AND HYGIENE REGULATIONS:

See the product Safety Data Sheet.

STORAGE:

The product should be stored in original containers – protected from damage, action of water, and high relative air humidity. If the storage conditions are met, the shelf life will be 6 months. The expiration date is specified on the packaging.

SHIPPING:

5 kg and 1 kg plastic containers.

QUALITY:

- The product quality is regularly checked in the manufacturer's laboratories.
- The production control system is used in manufacture, and a certified quality management system, according to ISO 9001, is applied.
- Continuous surveillance and proving the conformity of products (if necessary) is ensured by TZÚS Prague, Authorised Body 204.

DISTRIBUTOR:

LASSELSBERGER, s.r.o., Adelova 2549/1, 320 00 Pilsen – Jižní Předměstí

VALIDITY:

Since 1 March 2015

We reserve the right to make any changes that are the result of technical progress. This issue cancels and supersedes all previous issues.