

BOLIX AKO

One Component Mineral Corrosion Inhibitor for Steel Reinforcement



off soiled surfaces with damp cloth. Hard stains may only be removed mechanically.

PRECAUTIONS:

Due to alkyd reaction of the product, avoid contact with skin and eyes. In case of eye contact, flush eyes with plenty of water and seek medical advice.

TOOLS:

- Construction bucket
- Agitator or low-speed drill (400÷500 rpm) with hoop paddle
- Flat brush or block brush

TECHNICAL DATA:

The following technical data are for the temperature of +23 (±2)°C and relative air humidity of 50 (±5)%. Under other conditions the technical data may vary.

Ambient and surface temperature at application and drying:
from +5°C to +25°C

Relative humidity at application and drying:
up to 80%

Bulk density:
approx. 1.30 g/cm³

Colour:
red

Working life:
≤ 1 h

Drying time of one coat:
at least 3h

Total drying time after second coat application:
at least 5h

Adhesion to concrete in dry air condition:
≥ 0,80 MPa

Chlorine ions content:
< 0.05 %

Packaging:
5 kg bags

No. of containers per carton and net weight:
5 / ca. 25 kg

Shelf life:
9 months from the date of production provided on the packaging

NOMINAL COVERAGE:

Approximate **two coat coverage is 150g/1m bar Ø14**. Coverage depends on reinforcement bar diameter.

STORAGE:

Store in intact containers in temp. between +5°C and +25°C. Protect from damp. Store away from the reach of children.

COMPOSITION:

One component polymer modified cement mortar. Contains corrosion inhibitor.

PRODUCT DESCRIPTION:

- high adhesion to steel,
- contains corrosion inhibitors - inhibits the corrosion of reinforcement bars,
- easy to apply,
- component of the system BOLIX BALCONY.

USE:

BOLIX AKO is mineral mortar for anti-corrosion protection of steel reinforcement in concrete.

SURFACE PREPARATION:

Remove any loose or damaged concrete, spalling, scaling and chalking. The surface should be clean of contaminants that can cause separation such as debris, dust, efflorescence, bitumen, oil, grease, laitance, dusting, etc. Any corroded exposed steel reinforcement bars must be mechanically cleaned e.g using a drill or a grinder with a wire brush to the clean grade ST 2 or by blast cleaning to the clean grade SA 2.5 acc.to PN-ISO 8501-1 (uniform surface with a metallic sheen and with no signs of corrosion or contamination) Immediately when the surface of the steel bars is cleaned and the dust is removed, treat with a steel corrosion inhibitor BOLIX AKO.

PRODUCT PREPARATION:

Slowly add a suitable amount of mortar to a measured amount of clean water (380 ml per 1 kg of mortar) and mix with a low-speed drill until a homogeneous consistency is achieved. Allow it to stand for 5 minutes then mix again. The mixture is ready to use. Do not admix except water.

APPLICATION:

Apply twice with a flat brush or a block brush over entire surface of the reinforcement. Apply the second coat when the first is dry, not earlier than after 3h.

LIMITATIONS AND RECOMMENDATIONS:

- Cover the freshly applied mortar with foil or damp mats to protect from too rapid drying - especially in areas highly exposed to sunlight or draughts.
- Low temperature, increased humidity and improper air circulation extend the drying and setting time.
- Clean tools and hands with running water immediately after use. After drying, difficulties with cleaning may be experienced. Wipe new stains



Masz pytania?

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