

BOLIX SCS

Mineral Bond Coat to Receive the Repair Mortar BOLIX WB



PRODUCT DESCRIPTION:

- high adhesion to concrete,
- easy to apply,
- low linear shrinkage,
- component of the system BOLIX BALCONY.

USE:

BOLIX SCS is a mineral bond coat, applied to old concrete and reinforced concrete prior to the application of the repair mortar BOLIX WB.

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.

PRODUCT PREPARATION:

Slowly add a suitable amount of mortar to a measured amount of clean water (400 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:

Pre-wet the concrete surface on the day the bond coat is going to be applied and one day before, making sure that puddles are not formed. Apply with a flat or block brush, work the bond coat firmly into the surface and immediately apply the BOLIX WB repair mortar wet-on-wet, using a brick trowel or a spatula. If the bond coat dries out, apply it again.

LIMITATIONS AND RECOMMENDATIONS:

Clean tools and hands with running water immediately after use. After drying, difficulties with cleaning may be experienced. Wipe new stains 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:

from +5°C to +25°C

Relative humidity at application:

up to 80%

Bulk density:

approx. 1.20 g/cm³

Colour:

grey

Workability:

≤ 1 h

Adhesion to concrete in dry air condition:

≥ 0,80 MPa

Compressive strength

≥ 15 MPa

Thermal compatibility, part 4 according to PN-EN 1504-3:

≥ 0,80 MPa

Limited shrinkage / swelling:

≥ 0,80 MPa

Capillary absorption:

≤ 0.5 kg/(m²*h^{0.5})

Chlorine ions content:

≤ 0.05 %

Packaging:

25 kg bags

No. of containers per pallet and net weight:

48 / ca. 1200 kg

Shelf life:

9 months from the date of production provided on the packaging

NOMINAL COVERAGE:

Approx. 1.5÷ 2.5 kg/m² Coverage will vary with surface porosity, roughness, absorption and evenness.

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.

Masz pytania?
 Zadzwoń!
 801-650-222
 Napisz!
 serwis@bolix.pl

BOLIX SA
 Ul. Stolarska 8
 34-300 Żywiec
 Tel.33 475 06 00
 Fax. 33 475 06 12

Znajdź nas
www.trwaleocieplenie.pl
www.facebook.com/bolixsa
www.bolix.pl



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**Masz pytania?**

Zadzwoń!
801-650-222

Napisz!
serwis@bolix.pl

BOLIX SA

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Fax. 33 475 06 12

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