

BOLIX WB

Mineral Repair Mortar



PRODUCT DESCRIPTION:

- high adhesion to concrete,
- fast-drying,
- frost resistant,
- fibre reinforced,
- low linear shrinkage,
- component of the system BOLIX BALCONY.

USE:

BOLIX WB is a mineral repair mortar suitable for:

- levelling surfaces **between 20 and 60 mm**
- gap filling **between 10 and 70 mm** in concrete and reinforced concrete.

SUBSTRATE PREPARATION:

Remove any loose or damaged concrete, spalling, scaling and chalking. The surface should be clean of substances which can cause separation such as debris, dust, efflorescence, bitumen, oil, grease, laitance etc. BOLIX WB Repair Mortar can be applied over concrete class C12/B15 or higher.

PRODUCT PREPARATION:

Measure the clean water (2.9 ÷ 3.0 litre) into a suitable vessel/bucket and add the full packaging while mixing using a low-speed drill until a homogeneous consistency is achieved. Allow to stand for 5 minutes then re-mix. The mixture is ready to use. Do not admix except water.

APPLICATION:

Apply wet-on-wet over the key coat BOLIX SCS using a brick or flat trowel. For larger or deeper gaps apply in several layers. Apply each layer to provide a key and appropriate adhesion (rough) for the subsequent coat. Apply subsequent layer once the previous layer is dry, not earlier than after 3 h and upon prior application of the key coat BOLIX SCS.

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

PRECAUTIONS:

Due to alkylid 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
- Brick trowel
- Flat trowel

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. 1.70 g/cm³

Density of ready mix:
approx. 2.25 g/cm³

Colour:
grey

Grain size:
up to 2 mm

Drying time of one layer:
at least 3h

Drying and setting time of the last layer:
at least 5h

Workability:
≤ 45 min.

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

Compressive strength
≥ 40 MPa

Flexural strength:
≥ 10 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 %

Carbonation resistance according to PN-EN 1504:-3
resistant

Packaging:
25 kg bags

Masz pytania?
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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. 1.9 kg / m² / 1 mm thick coat. Coverage will vary with surface porosity, roughness and evenness as well as gap depth.

STORAGE:

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

COMPOSITION:

Fibre-reinforced polymer modified cement.

BOLIX S.A. guarantees product quality but has no control over its application and use. BOLIX takes no responsibility for contractors' and distributors' performance. The information supplied herein is given in good faith based on our current knowledge and latest application methods. The information provided cannot replace designer's and contractor's expertise and does not dismiss anyone from observing good practice and the OHS regulations. Should you have any further queries, carry out the tests or contact BOLIX Customer Technical Support. The publication of this Technical Data Sheet renders older editions invalid.



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