

BOLIX N

Deep Penetrating Primer



PRODUCT DESCRIPTION:

- seals off and strengthens the surface,
- dedicated for highly porous surfaces,
- promotes adhesion and provides a key for subsequent coatings,
- suppresses dust formation and evens out surface porosity,
- protects the primed surface against adverse effect of moisture,
- seals and blocks out stains in base coats and prevents from bleeding through to the top coats,
- solvent-free,
- element of the retrofit external walls insulation system subject to the ITB Technical Recommendation

USE:

Bolix N is formulated to prime dusty, chalky, porous, absorbent and/or weak wall, floor and ceiling surfaces indoors and outdoors prior to:

- application of cement floors and subfloors,
- laying ceramic or stone tiles,
- wallpapering,
- painting with the acrylic paint BOLIX AZ (Complex),
- pouring of the self-levelling compound BOLIX SN20,
- levelling the surface e.g. BOLIX W,
- installation of wall insulation materials,
- waterproofing with BOLIX HYDRO or BOLIX HYDRO-DUO.

Substrates for which the primer is suitable:

- concrete,
- aerated concrete,
- cement, cement-lime or gypsum plasters,
- cement and anhydrite floor screeds or subfloors.
- plasterboard,
- chipboard,
- masonry walls, not plastered,
- top coats of ETICS External Thermal Insulation Composite Systems
- solid and firm paint coats on walls and ceilings, well bonded and adhering firmly to the surface.

SUBSTRATE PREPARATION:

Allow fresh thin-coat and traditional renders to cure:

- mineral renders BOLIX MP – for min. 14 days,
- other BOLIX thin-coat renders – when the render surface is dry,
- cement and lime-cement renders – for min. 28 days.

The surface must be structurally sound, even, clean of surface contaminants such as dust, grease, bitumen, algae and other barrier materials that may affect adhesion. Remove whitewash or colour wash. Sand gypsum, anhydrite substrates and firm paint coats with coarse sandpaper, brush down and vacuum sanding dust thoroughly.

PRODUCT PREPARATION:

A ready-to-use product. Prior to application, stir the full packaging thoroughly.

APPLICATION:

Apply evenly with a brush, roller or a sprayer. Highly absorbent surfaces must be primed 2-3 times. The first coat of the primer can be thinned with 1 part of water (1 part of water to 1 part of primer), but the subsequent coats should not be thinned and applied when the previous coat has dried.

LIMITATIONS AND RECOMMENDATIONS:

- Do not apply to areas subject to prolonged water exposure, accumulated snow and areas not damp-proofed against capillary action.
- Before application, cover or mask surfaces that are not to be primed.
- Protect from direct sunlight exposure, precipitation and wind during application operation and drying. Use scaffolding meshes.
- Spray apply only in windless weather.
- During primer application and afterwards, ventilate the rooms but protect from draughts to prevent too rapid drying.
- Low temperature, increased humidity and improper air circulation extend the drying time.
- Adjust the amount of the primer used and number of coats to the specific surface. The primed surface may "glaze", when the primer is applied excessively.
- Clean tools and hands with running water immediately after use. After drying difficulties with cleaning may be experienced.
- Tightly seal the container and use the remnant product shortly.

PRECAUTIONS:

Protect eyes and skin. In case of eye contact, flush eyes with plenty of water and seek medical advice.

TOOLS:

Brush, paint roller or spray gun with a compression sprayer.

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:

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



BOLIX N

Deep Penetrating Primer

from +5°C to +25°C

Relative humidity at application and drying:

up to 80%

Density:

approx. 1.00 g/cm³ (±10%)

Colour:

milky white, colourless after drying

Drying time:

min. 4h

VOC content:

VOC limit (cat. A/g/FW) – 30g/l (year 2010)

Product contains max. 30 g/l VOC

Packaging:

5kg, 10kg

No. of containers per pallet and net weight:

5kg: 108 / ca. 540 kg

10kg: 44 / ca. 440 kg

Shelf life:

12 months - date of production provided on the packaging

NOMINAL COVERAGE:

approx. 0.10 ÷ 0.50 kg/m²

Coverage will vary with the surface texture, porosity and application method. To determine precise coverage perform a test patch on the substrate.

STORAGE:

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

COMPOSITION:

It is a mixture of acrylic dispersion and modifiers.

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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BOLIX TM - Mosaic Texture Render

acrylic mosaic textured plaster for hand application



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Fax. 33 475 06 12

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