

BOLIX AC [5]

Ceramic Eco-Friendly Stain-Resistant Hybrid Latex Paint Coating

PRODUCT DESCRIPTION:

- hybrid paint with special binder composition that ensure easy paint coating without splattering and provide superior technical performance to the paint coat
- highest resistance to wet scrubbing - class 1, for spaces that must be cleaned recurrently
- excellent hiding power - class 1
- water borne, odourless - negligible volatile organic compound content (VOC<1.7 g/l)
- very strong matt paint coat, no reflections
- no shiny wipe marks after washing the surface
- contains ceramic filler that gives high mechanical resistance to the coating
- high coverage - up to 14 m² per 1 litre of paint
- lasting and attractive NCS colours
- hypoallergenic - free from compounds which may cause allergic reaction (no EUH208 labelling)
- no lap marks

USE:

BOLIX AC [5] is an excellent ecological, painter- and user-friendly, odourless, latex wall and ceiling paint for interior use in rooms exposed to dirt and grime (such as halls, corridors, kitchens or living rooms) and public buildings (such as schools, medical centres, hospitals, production plants and restaurants).

The paint is suitable for

- cement, cement-lime or gypsum plasters,
- plasterboards,
- concrete,
- wallpaper and fibreglass covering.

It provides a matte finish with no reflections and increased resistance to washing with majority of common detergents and disinfectants

SURFACE PREPARATION:

The surface must be dry, clean, uniform, free of loose material, grease and other surface contaminants, clean of chemical deposits or barrier materials that may affect adhesion (such as dust, dirt). Remove whitewash or colour wash. Even and smooth out minor irregularities (up to 5 mm) using a pre-mix skim coat BOLIX Presto Acryl or BOLIX SP. For major gaps and imperfections (between 5 and -15 mm) use the mortar BOLIX W and smooth out the entire surface with BOLIX Presto Acryl or BOLIX SP.

Prime porous substrates with BOLIX GC15 or BOLIX ULTRAGRUNT and low porosity surfaces with the primer BOLIX GC30 or BOLIX Active Grunt. Non-porous, stable and firm surfaces just clean with water and allow to dry prior to application. Check the wallpaper for bond with the surface prior to paint application.

PRODUCT PREPARATION:

Packaging contains a ready-to-use product. Immediately prior to application, stir the full packaging thoroughly with an agitator or a low-speed drill with a paint mixing paddle (hoop paddle or paint mixer) until a uniform mixture. If necessary thin with a small amount of clean water (maximum 10% for first paint coat and 5% for the second).

APPLICATION:

Apply evenly 1-2 paint coats by brushing, rolling or with an airless spray machine. Apply the subsequent coat, when the first is completely dry.

CLEANING PAINT COATS AND STAIN REMOVAL

Following the guidelines provided in the standard PN-EN 13300:2002, the paint coating obtains its full washability after 28 days of curing. Any dirt must be removed immediately (maximum 15 min. after soiling) using a soft sponge or cloth with mild detergent (e.g. dishwashing liquid).

Procedure:

1. Gently remove dirt and blot the surface with a paper towel or dry soft cloth. Be careful not to grind the dirt into the paint coat.
2. Wipe the stain gently with a damp cloth or sponge. If the stain is persistent, repeat the action with detergent, then rinse with water and blot it dry.

For strongly colouring stains, rinse the sponge or cloth frequently to avoid grinding the dirt into the paint coat.

The stain resistance parameter has been tested and confirmed with oil, orange juice, soy sauce, ketchup, mustard, cola and beetroot concentrate stains. Some stains may be difficult to remove due to product compositions from different manufacturers, surface texture and variety of possible stains.

Do not use strong detergents and do not scrub too hard as this may damage the paint coat.

The effect of cleaning should be assessed, when completely dry.

LIMITATIONS AND RECOMMENDATIONS:

- Make sure that the surface is even and well prepared.
- Prior to paint coating, allow fresh cement and lime-cement plasters to cure for minimum 3-4 weeks and gypsum plasters for minimum 2 weeks.
- Gypsum and acrylic plasters can be painted when completely dry.
- Apply the paint wet-on-wet to avoid lapping.
- When neighbouring surfaces have different texture, they may give the effect of different colour shades.
- When painting the ceiling, start from the window and work away from it across the ceiling, parallel with the direction from which the light comes to avoid lap marks.
- Finish each section working the same direction.
- When using a roller, work vertically and then horizontally without applying too much pressure Do not paint with a dry roller.
- Prior to paint coating, the roller should be clean and dry. Moisture left in the roller bristle may slightly dilute the paint and result in streaks on the painted surface.
- Ventilate the room during paint application and afterwards.
- Before application, cover or mask surfaces that are not to be painted using e.g. masking tape.
- Low temperature, increased humidity and improper air circulation extend the drying time.
- Clean tools and hands with running water immediately after use. After drying difficulties with cleaning may be experienced.



Masz pytania?

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- Tightly seal the container and use the remnant product shortly.
- The colour of the dried coating may differ from its colour reference card, what may result from different coat texture, thickness, number of layers, or hygrothermal conditions during application and drying. Prior to application, carry out a test painting to check whether the desired colour is achieved.
- To check surface porosity, spray it with water. If water gets absorbed, prime the surface with BOLIX GC15 or BOLIX ULTRAGRUNT and if water falls down the surface, paint without priming or apply the primer BOLIX GC30 or BOLIX Active Grunt.
- In order to test adhesion of the old paint coatings, moisten the surface and after it has dried do a cross-hatch test and use a mask tape. When the coat is not detached with the tape,
- start paint application or prime porous substrates with BOLIX GC30 or BOLIX Active Grunt.
- Vivid, intense colours in the shades of yellow, orange and red (on a transparent base "00") may be less opaque, therefore when such colours are chosen, it is recommended to equalize the surface by applying a coat of paint in a similar, less intense colour obtained using the white base ("30") or apply the primer BOLIX GC30 or BOLIX Active Grunt tinted to a similar, less intense colour. Another paint coat application may be necessary.

PRECAUTIONS:

Avoid contact with skin and eyes. In case of eye contact flush eyes immediately with plenty of clean water and seek medical attention, if necessary. Wear personal protective clothing and equipment during application with an airless spray machine. Do not breathe product spray. People not involved in the application should be kept away.

TOOLS:

- Agitator or a slow speed drill (400÷500 rpm) with hoop paddle or paint mixer.
- Paint roller, brush or airless spray machine
- Paper masking tape

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%

Density:

base 30 – approx. 1.25 kg/dm³
base 00 – approx. 1.12 kg/dm³

Colour range:

Selected NCS colours

Gloss level (acc. to PN-EN 13,300):
matt

Resistance to wet scrubbing acc. to PN-C-81914:
Category I

Resistance to wet scrubbing acc. to PN-EN 13300:
class 1

Hiding (acc. to PN-EN 13300):
class 1

Surface (touch) dry:
at least 2 h

Full resistance to scrubbing:
at least 28 days

Water vapour flux density V acc. to PN-EN ISO 7783:
≥200 g/(m²d)

Equivalent air layer thickness Sd acc. to PN-EN ISO 7783:
≤0.10 m for dry film thickness of 100µm

Coating thickness acc. to PN-EN 1062-1:
100 - 200µm (depending on number of paint coats)

Grain size according to PN-EN 1062-1:
<100 µm - S1 (fine)

VOC content:

VOC limit (cat. A/a) – 30g/l
Product contains maximum 30 g/l VOC

Packaging:

buckets: 4.75l, 9.5l

No. of containers per pallet and net weight:

4.75l bucket: 80 / ca. 480 kg

9.5l bucket: 44 / ca. 530 kg

Shelf life:

24 months - best before date provided on the packaging

NOMINAL COVERAGE:

Up to 14m²/litre for a single paint coat application over smooth and properly prepared surface. Coverage may vary depending on surface porosity, texture and painting tool, therefore it can only be determined precisely by patch testing.

STORAGE:

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

COMPOSITION:

Water dispersion (styrene acrylic copolymers or ethylene-vinyl acetate), modifiers, mineral fillers and pigments. Does not contain organic solvents (VOC).

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 necessary tests or contact BOLIX Customer Technical Support. The publication of this Technical Data Sheet renders older editions invalid.



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