

# BOLIX AC [3]

## Anti-Reflective Eco-Friendly 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
- excellent hiding power - class 1
- water borne, odourless - negligible volatile organic compound content (VOC<1.2 g/l)
- deep matt, anti-reflective coating provided by carefully selected fillers and additives, masks minor imperfections of the surface
- water vapour permeable
- high coverage - up to 13 m<sup>2</sup> 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 [3] 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 is offered in attractive colours that are stable and provides a matte finish with no reflections.

### 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.

### 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.
- 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.



#### 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](http://www.trwaleocieplenie.pl)  
[www.facebook.com/bolixsa](http://www.facebook.com/bolixsa)  
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## Anti-Reflective Eco-Friendly Hybrid Latex Paint Coating

### 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. 1.47 kg/dm<sup>3</sup>

base 00 – approx. 1.24 kg/dm<sup>3</sup>

#### Colour range:

Selected NCS colours

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

deep matt

#### Resistance to wet scrubbing acc. to PN-C-81914:

Category I

#### Resistance to wet scrubbing acc. to PN-EN 13300:

class 2

#### 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:

≥250 g/(m<sup>2</sup>d)

#### Equivalent air layer thickness Sd acc. to PN-EN ISO 7783:

≤0.08 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. 560 kg

9.5l bucket: 44 / ca. 620 kg

#### Shelf life:

24 months - best before date provided on the packaging

### NOMINAL COVERAGE:

Up to 13m<sup>2</sup>/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).

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