

# BOLIX SIG Kolor

## Render Undercoat for thin-coat silicone and silicone-acrylic renders



### PRODUCT DESCRIPTION:

- facilitates render application - contains quartz powder
- seals off and strengthens the surface
- suppresses dust formation, evens out the porosity of the surface
- 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
- reduces bleeding of the surface colour through the render coat
- component of the BOLIX EWI systems with EPS and mineral wool batts

### USE:

BOLIX SIG is a render undercoat used for priming prior to the application of the renders:

- silicone BOLIX SIT/BOLIX SIT complex
- silicone with water beading effect BOLIX SIT-P
- silicone-silicate BOLIX SI-SIT

to exterior walls of existing and new buildings as well as in interiors.

Substrates for which the undercoat is suitable:

- base coat in external thermal insulation and composite systems (ETICS) with polystyrene and mineral wool,
- mineral substrates such as: concrete, cement or cement-lime renders.

### SUBSTRATE PREPARATION:

Follow the ETICS Instruction Manual no. IB/01/2001 to apply the base coat in the ETICS insulation systems.

The surface must be structurally sound, even, clean of surface contaminants such as dust, grease, bitumen and other barrier materials that may affect adhesion. Remove old paint coats, loose, peeling or flaking plaster. Prime porous surface (particularly aerated concrete) with the primer BOLIX N.

Even out minor irregularities with a base coat for embedding reinforcing mesh such as BOLIX U or a cementitious smoothing compound BOLIX SPN (concrete substrate). Fill larger gaps and imperfections with the mortar BOLIX W.

### PRODUCT PREPARATION:

A ready-to-use product. Prior to application, stir the full packaging thoroughly. Do not admix.

### APPLICATION:

Apply evenly in one coat using a block or paint brush. Apply the render once the undercoat 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.
- Allow fresh cement and lime-cement renders to cure for minimum 28 weeks.
- Plan the surface area to be primed taking into consideration weather conditions, surface type and workforce.
- Sand mineral substrates (concrete, cement and lime-cement renders) coated with firm paint coats with coarse sandpaper, brush down and vacuum sanding dust thoroughly.
- Prime the base coat once it has dried out.
- Use the undercoat in colour matching the render colour.
- Protect from direct sunlight exposure, precipitation and wind during application operation and drying. Use scaffolding meshes.
- 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.

### PRECAUTIONS:

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

### TOOLS:

Block brush or roller

### 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:**  
approx. 1.35 kg/dm<sup>3</sup>

**Colour range:**  
white or from the colour chart BOLIX KOLOR SPEKTRUM 300+.

**Gloss level:**  
matt

**Drying time:**  
min. 4h



#### 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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**VOC content:**

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

Product contains max. 15 g/l VOC

**Packaging:**

5kg, 25kg

**No. of containers per pallet and net weight:**

5kg: 80 / approx. 400 kg

25kg: 24 / approx. 600 kg

**Shelf life:**

12 months - date of production provided on the packaging

**NOMINAL COVERAGE:**approx.  $0.25 \div 0.40 \text{ kg/m}^2$ 

Coverage will vary with the surface evenness, porosity and roughness. To determine precise coverage, perform a test patch on the surface.

**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:**

Water polymer and silicone dispersion, mineral fillers, quartz powder 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.

**Masz pytania?**Zadzwoń!  
801-650-222Napisz!  
serwis@bolix.pl**BOLIX SA**Ul. Stolarska 8  
34-300 Żywiec  
Tel. 33 475 06 00  
Fax. 33 475 06 12**Znajdź nas**[www.trwaleodcieplenie.pl](http://www.trwaleodcieplenie.pl)  
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