

SKALCEM 100

DURABLE, CEMENT-BASED MASONRY PAINT

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DESCRIPTION

SKALCEM 100 is a pigmented, breathable, cement based masonry paint that will adhere to all solid and clean mineral surfaces such as concrete, concrete block, lightweight aircrete block, brick, render, gypsum and render wash. With excellent performance and durability, SKALCEM 100 is designed for indoor and outdoor use and is particularly suitable for harsh environments such as coastal or higher exposure locations.

- Excellent performance and durability
- Excellent coverage
- Easy to mix and apply
- Moisture-hardening and washable
- Weather-resistant – suited to harsh environments
- Permits vapour diffusion
- Natural satin matt finish

COLOURS

SKALCEM 100 is available in nine tintable colours.

Creates a dense satin matt finish on the surface – the underlying surface texture will remain visible.

SURFACE PREPARATION

- Remove surface contaminants such as dust or dirt without damaging the substrate. For previously painted surfaces, all loose and chalking paint must be removed.
- All traces of acrylic paint must be removed.
- New concrete and masonry must be clean and cured a minimum of 28 days. Check concrete surfaces for alkalinity, and treat. Any formwork release agents or surface bonders etc must be removed.

- Uneven concrete or masonry can be levelled with Parex MONOREX GF, MONOGRIS E, PARMUREX, MAITE etc or other suitable, compatible products (consult product data sheets).

MIXING

- Mix SKALCEM 100 in a clean container approx. 6 litres of clean cold water per 10 kg. Mix using a hand-held mixer until the consistency is smooth and the colour uniform.
- Measure the same quantity of water for each mix.

Applicator suggestion: Fill a bucket with 6 litres of water then drill a 6mm hole through the bucket side at the water level. This will ensure that you always use the correct volume of water and will help maintain colour consistency

PRE-WATERING / PRIMING

- Thoroughly wet absorbent surfaces, but not running with water before applying SKALCEM 100.
- Highly absorbent surfaces are primed with SKALFLEX BETO BINDER thinned with water to the ratio 1:3. Apply paint onto the wet primer.
- To improve adhesion on smooth surfaces such as concrete, replace 1 litre of the water used for mixing with 1 litre of concentrated SKALFLEX BETO-BINDER per 10 kg.
- For indoor painting applications where adequate pre-wetting may be difficult to achieve, replace 1 litre of the water used for mixing with 1 litre of concentrated SKALFLEX BETO BINDER per 10 kg.

APPLICATION

- Apply SKALCEM 100 using a brush or short haired roller. Use a brush for corners and edges and a roller for large surfaces. Once mixed the paint must be used within 1-2 hours.
- Apply two coats of Skalcem 100 to achieve complete coverage. Wet the surface with a mist spray before applying the second layer of SKALCEM 100.

TECHNICAL CHARACTERISTICS

- INITIAL CURING: 24 hours at min. +15°C
- HARDENING TIME: At least 28 days at +20°C
- ADHERENCE: 2,47 MPa
- VAPOUR DIFFUSION: ZH2O value: 0
- 24-H TEMPERATURE: Min. +5°C

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A full range of project specifications for different substrates and systems using Parex products are available through the NBS Scheme or directly from Parex Ltd.

Visit the Parex website for regular updates, a Pre-Render Inspection form or refer to the PAREX TECHNICAL INFORMATION SHEETS for additional guidance.

COVERAGE

Coverage is provided as guidance only, excludes wastage and will vary subject to dilution and substrate conditions.

2-4 m² per kg. Approx. 20-24m² per 10 kg container and approx. 40-48m² per 20 kg bag. Based upon a single coat application.

PRECAUTIONS

Product intended for professional use.

- Do not apply to a frozen substrate or on thawing substrates. Do not use in freezing conditions. Take precautions during damp climatic conditions.
- Do not apply on substrates that have surface water or condensation.
- Avoid applications on substrates exposed to direct sun or in hot drying winds.
- Inadequate surface preparation from not wetting the surface or not applying a primer may result in the coating not bonding to the surface. Hardening can be initiated by applying a fine mist spray.
- Use SKALCEM 100 with the same batch number to avoid colour variations (check the label on the packaging).
- SKALCEM 100 may only be used where 24-hour temperatures remain above +5°C. Over 30°C, special precautions must be taken. Curing time will increase at temperatures below +10°C.
- When there is a risk of low temperatures or rain, cover the exterior wall immediately and keep covered for another 3-5 days.

CLEANING

After use, rinse tools with clean water.

SAMPLES

- Colour samples are available in the nine base colours;
Red Ochre
Dark Yellow
Terracotta
Sand
Grey
Medium Yellow
Cream
Silver Grey
White
- The colours samples are delivered in 200 gram bags.
- Each colour sample covers approx. 0.1 m².
- Apply colour samples on a test panel – not directly on the facade, as the area may be visible on the finished facade due to difference in texture and coverage.
- Move the test panel around and study the colour in different light – sunlight, shade, morning, evening etc.



Please order colour pigments separately

For additional information refer to the 'Skalcem100 mineral paint general guidance and support' information on the Parex website.

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PACKAGING

20 kg bag - 50 bags per pallet.
2-ply paper and 1-ply polyethylene.
Re-useable wrapped pallet of 1000 kg.
10 kg buckets

STORAGE AND SHELF LIFE

6 months from date of manufacture if stored in unopened original packing in dry, frost-free conditions.

WARRANTY

Manufacturer's 10 year product indemnity including design when a Parex specification is issued. Subject to conditions.

HEALTH AND SAFETY

Wear suitable protective clothing, gloves and eye / face protection. This product contains materials which may cause an allergic reaction, is irritating to eyes and harmful if swallowed. In case of contact, seek medical advice. Keep out of the reach of children.

Read and follow the guidelines in the Health and Safety data sheet for this product.

TECHNICAL ASSISTANCE

PAREX will, on request, provide information and assistance to companies in relation to the use of a specific product.

Such assistance shall not be associated with structural and design conception, nor assume or accept liability for compliance of substrates, nor compliance to instructions provided.

Technical Information

01827 711755

Download the technical datasheet and consult the health and safety document on:

www.parex.co.uk

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