BUILDING TRUST

PRODUCT DATA SHEET

Sika® Render Bonding Agent

Quick drying, extra-grip render bonding agent

PRODUCT DESCRIPTION

Sika® Render Bonding Agent is an extra-grip render bonding agent that contains a fine aggregate to provide an improved key before applying render on external surfaces e.g. concrete, lightweight blockwork, brick etc. The fine aggregates are suspended in a unique waterproof polymer based formulation to ensure easy application by roller or brush and an even spread of aggregate, avoiding any weak spots in the key coat and preventing the aggregate particles coming loose during application. Sika® Render Bonding Agent reduces the porosity/suction of the base substrate and provides a mechanical key from the fine aggregate suspended within the product.

USES

- As a bonding agent for render to concrete, brick and blockwork etc.
- As a bonding agent to improve adhesion to smooth surfaces.

CHARACTERISTICS / ADVANTAGES

- Contains a fine aggregate to provide a key and give extra grip for the render
- One coat application – render when dry (approx. 6 hours)
- Reduces suction/porousity of the base substrate
- Improves adhesion on smooth substrates
- Coloured red colour to indicate coverage
- Can be applied to damp surfaces
- Waterproof
- Viscosity ideal for roller and brush application
- Minimum Film Forming Temperature - approx. +5 °C
- Bond Strength (EN 13892-8) - 3.2 N/mm²
- High Temperature Stability (4 weeks @ +50 °C) - stable

PRODUCT INFORMATION

Packaging	10 L pail.
Appearance / Colour	Red liquid.
Shelf Life	24 months from date of manufacture in original unopened container.
Storage Conditions	Store in cool dry conditions between +5 °C and +25 °C. Protect from frost.
pH-Value	8.0-9.5.
Yield	Approx. 3.0 m² per litre depending on the porosity and texture of the substrate.

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Ready-to-use – do not dilute.
- Do not use in areas subject to constant damp.
- Do not apply below +5 °C or allow to cure below this temperature.
- Remove splashes immediately from surrounding areas, do not allow to dry.
- Do not exceed a maximum depth of 25 mm for the complete render system.
- Test painted surfaces prior to use as some gloss finishes may need removal or light abrasion before use – in all cases test a small area before full application.
- Do not apply this product to surfaces that have previously been treated with stearate or silicone-based water sealers.
- If unsure about quality/suitability of substrate, always carry out a test patch prior to full scale application.
- It is the user's responsibility to determine suitability for use. If in any doubt contact Technical Services for advice.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Ensure ambient temperature is above +5 °C. Ensure substrate is dust, release agent and frost free and is suitable to provide sufficient support.

APPLICATION

STIR WELL BEFORE USE. Only apply 1 coat using a short pile roller or brush to give an even coating. Sika® Render Bonding Agent is coloured red to help avoid missing any areas. Protect adjacent surfaces from splashes during application. Any accidental splashes should be removed before the product dries using warm, soapy water. Allow the coating to dry thoroughly before applying render, typically a minimum of 6 hours under normal conditions (+23 °C @ 50 % relative humidity). Drying times will be significantly extended at lower temperatures. Once fully dry, rendering can commence immediately.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

SIKA LIMITED
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited