

PRODUCT DATA SHEET

Sikalastic® Rapid Filler Compound

Two component, PMMA based, filler compound

PRODUCT DESCRIPTION

Sikalastic® Rapid Filler Compound is a fast-reactive and flexible product used to fill small cracks and joints as well as to smooth out areas of minor unevenness. It is used mainly to prepare the substrate before PMMA waterproofing and surfacing systems are applied. The product can also be used to smooth out fleece overlaps in the waterproofing layer.

USES

- Filler for small cracks and joints for prior to application of Sikalastic® Rapid systems.

CHARACTERISTICS / ADVANTAGES

- Fast curing
- Easy and fast application
- Solvent free
- Hydrolysis and alkali-resistant

PRODUCT INFORMATION

| | | |
|-----------------------------------|--|--------------------|
| Chemical Base | Two component Polymethylmethacrylate (PMMA) Resin and catalyst | |
| Packaging | SUMMER | |
| | Sikalastic® Rapid Filler Compound | 10.00kg |
| | Sikalastic® Rapid Catalyst | 0.30kg (3 x 0.1kg) |
| | Total | 10.30kg |
| | WINTER | |
| Sikalastic® Rapid Filler Compound | 10.00kg | |
| Sikalastic® Rapid Catalyst | 0.60kg (6 x 0.10kg) | |
| Total | 10.60kg | |
| | Please see Curing Details section for more information | |
| Colour | Pigmented - RAL 7032 (Pebble Grey) | |
| Shelf Life | Unopened products have a shelf life of at least 12 months. | |
| Storage Conditions | Store products sealed in their original airtight container and in a cool, dry and frost-free place. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight. Reference should also be made to the storage recommendations of the material safety datasheet. | |
| Density | 1.34g/cm ³ | |

SYSTEM INFORMATION

| | | |
|------------------|---------------------------|--------------|
| System Structure | Smoothing fleece overlaps | 0.30kg/m run |
| | Filling | 1.70kg/L |

APPLICATION INFORMATION

| | | | | | |
|-------------------------------|--|----------|----------------|------------------------------|-----------|
| Ambient Air Temperature | -5°C min / + 35°C max | | | | |
| Relative Air Humidity | The relative humidity must be ≤90% | | | | |
| Substrate Temperature | +3°C min / + 50°C max | | | | |
| Dew Point | Beware of condensation. Surface temperature during application and cure must be a minimum of 3°C above dew point. The substrate temperature must not be less than +3°C if a topping is applied to the surface. Reaction problems can occur at lower temperatures. | | | | |
| Substrate Moisture Content | The surface to be coated must be dry and ice-free The surface must be protected from moisture until the coating has hardened | | | | |
| Substrate Pre-Treatment | Apply the surfacer to the hardened Sikalastic® Rapid Primer | | | | |
| Pot Life | The material in opened containers should be applied immediately. At 20°C, 2% catalyst the pot life is approximately 15 minutes | | | | |
| Applied Product Ready for Use | Temperature | Catalyst | Rain resistant | Can be trafficked/overcoated | Full cure |
| | 20°C | 2% | 30 minutes | 45 minutes | 3 hours |

Note: Times are approximate and will be affected by changing ambient conditions.

Higher temperatures or greater proportions of Sikalastic® Rapid Catalyst will reduce reaction times, while lower temperatures and smaller proportions of Catalyst will increase reaction times.

The following table indicates the recommended amount of Sikalastic® Rapid Catalyst required to adjust the curing reaction to the temperature.

Substrate temperature in °C; required amounts of Sikalastic® Rapid Catalyst in % w/w (guide)

| | | | | |
|------------|-----------|-----------|-----------|-----------|
| -10 | -5 | +3 | 5 | 10 |
| - | - | 4% | 4% | 4% |
| 15 | 20 | 25 | 30 | 35 |
| 2% | 2% | 2% | 2% | 2% |
| 40 | 45 | 50 | | |
| 1% | 1% | 1% | | |

Return-to-service times are provided as a guide only and may vary as a result of conditions. Newly installed balconies should be protected from exposure to heavy traffic by overlaying with an appropriate protective covering. This is particularly critical where early access is needed by other construction related traffic. Sika Liquid Plastics will not be held responsible for damage to balcony surfaces that results from failures to adequately protect newly laid areas.

For further advice, consult Sika Liquid Plastics Technical Customer Services

VALUE BASE

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

LIMITATIONS

Applications of Sikalastic® Rapid Filler Compound in confined spaces must be undertaken in accordance with material safety datasheet recommendations. Do not apply close to the air intake vents of running

air conditioning units until either switched off or isolated as vapour may be drawn into the building. Adhesion suitability must be verified practically on site prior to commencing contract. Refer to Sika Liquid Plastics recommendations and this Technical Data Sheet for installation guidance.

This document provides the most up to date information at the time of print, but is subject to change without notice and should not be used in isolation for pricing purposes. Please refer to Sika Liquid Plastics for project specific information and the latest advice.

ECOLOGY, HEALTH AND SAFETY

For information and advice about the safe handling, storage and disposal of chemical products, please refer to the most recent Safety Datasheet.

APPLICATION INSTRUCTIONS

MIXING

Use a twin-paddle stirrer to mix the product. First stir the tub contents thoroughly. Then add the Sikalastic® Rapid Catalyst while stirring the resin at the slow speed setting and mix for 2 minutes. Make sure that the product on the base and sides of the container is mixed in. At product temperatures <10°C the product should be stirred for 4 minutes, as the catalyst will take longer to dissolve.

APPLICATION

Fill in small cracks or joints using a pointing trowel or finishing trowel. Use the pointing trowel to smooth over minor differences in height.
Preparation for subsequent layers - None required.
Refer to Sikalastic® Rapid Method Statement for more information.

CLEANING OF TOOLS

If work is interrupted or when it is completed, clean the tools thoroughly with Sikalastic® Rapid Cleaner within the pot life of the material (approx. 10 minutes). This can be done with a brush. Do not use the tools again until the Cleaner has evaporated fully. Simply immersing the tools in the Cleaner will not prevent the material hardening.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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.

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