

## SikaRep® Fine

### 1-Component, Economical, Polymer Modified, Pore Sealer/ Finishing Coat

#### Product Description

**SikaRep® Fine** is a cementitious, silica fume containing, polymer modified one-component pore sealer and finishing coat.  
Suitable for use in tropical and hot climatic conditions.

#### Uses

**SikaRep® Fine** can be used as a:

- Pore sealer / finishing coat on cementitious substrates
- Thin layer rendering on horizontal and vertical areas in building and civil engineering construction, for external and internal finishing etc.
- Levelling mortar on uneven substrates, and profiled concrete surfaces.
- Repair mortar to fill honeycombing, pores etc.
- Repair mortar for repair of small defects on edges and joint sides; to form and finish joints and coverings

#### Advantages

- Easy to use; mix with water only.
- User friendly application; excellent workability.
- Good mechanical strengths.
- Sprayable by the wet-spray method.
- Non-corrosive, non-toxic.
- Adjustable consistency.
- Economical

#### Product Data

|                   |  |
|-------------------|--|
| Type              | Cementitious, polymer composition  |
| Form              | Grey Powder  |
| Packaging         | 25 kg bag  |
| Storage Condition | Store in a dry area between 5°C and 35°C. Protect from direct sunlight                   |
| Shelf life        | 12 months minimum from production date if stored properly in original unopened packaging |

#### Technical Data

|  |   |
|--|---|
| Mixing ratio                                 | Add 18- 20 % water to the dry powder (4.5 – 5.0 litres of water per 25 kg bag)  |
| Pot life (25°C)                              | 35 - 45 minutes   |
| Density                                      | Fresh mortar approximately 1.90 kg/lt   |
| Mechanical strengths<br>(28 days), 20% water | Compressive strength = 25 - 30 N/mm <sup>2</sup><br>Flexural strength = 4 - 6 N/mm <sup>2</sup><br>Adhesion > 1.5 N/mm <sup>2</sup> |



|                              |  |
|------------------------------|--|
| <b>Yield</b>                 | Approximately 16 litres per 25 kg bag  |
| <b>Layer Thickness</b>       | Minimum 1.0 mm, Maximum 2.0 mm per application   |
| <b>Temperature</b>           | Minimum 5°C, Maximum 40°C (substrate)  |
| <b>Application Details</b>   |  |
| <b>Substrate preparation</b> | Substrate must be sound, free from dust, loose particles, cement laitance, curing compounds, oil, grease or any other contamination.<br>Metal surfaces (steel and iron) should be free from scale, rust, oil and grease.<br><b>Pre-wet substrate to a saturated surface dry condition (SSD) prior to application.</b> Avoid puddles and standing water.                        |
| <b>Mixing</b>                | Pour 5.0 lt of clean, cold water into the mixing container. Add the <b>SikaRep® Fine</b> powder slowly while mixing continuously for at least 3 minutes and until a homogeneous consistency is achieved. Use low speed electric mixers (maximum 500 rpm). By adding the powder slowly and in portions, the desired application consistency can be obtained.                    |
| <b>Application</b>           | <b>SikaRep® Fine</b> can be applied by trowel, spatula or wet spray.<br>As soon as the mortar has started to set it can be smoothed by wooden or synthetic float, styrofoam block or sponge. No additional water must be used as it may lead to surface discoloration.   |
| <b>Curing</b>                | Where ambient conditions may lead to rapid surface drying, the use of light water fogging for 48 hrs or application of a suitable water based curing compound (Sika Antisol E) is recommended. Do not commence fogging until final set has been reached.   |
| <b>Cleaning</b>              | Application and mixing tools should be cleaned with water while material is still fresh. Hardened material can only be removed mechanically.   |
| <b>Remarks</b>               | <b>SikaRep® Fine</b> should not be used at temperatures below 5°C.<br>At ambient temperatures above 35°C, the material should be stored in the shade. Use chilled water for mixing.<br><b>SikaRep® Fine</b> may be over coated with Sika TopSeal 107, Sika Seal105, Sikagard ElastoColor W, Sikagard-680 S, Sikagard-550 W Elastic and all other SikaTop and MonoTop products. |
| <b>Notes</b>                 | 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.   |
| <b>Safety</b>                | For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.   |

## 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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