



METHOD STATEMENT

Sika Rep Fine®

DATE, : 09/2018

VERSION NO.01

SIKA EGYPT

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TECHNICAL DEPARTMENT

1 SCOPE

This method statement describes the step by step procedure of **Sika Rep Fine** as Fine Pore Sealer and Finishing Coat

2 SYSTEM DESCRIPTION

Sika Rep Fine® is a cementitious, silicafume containing, polymer modified one component pore sealer and finishing coat.

USES

Sika Rep Fine® can be used as a:

- Pore sealer/finishing coat on mineral substrates.
- Thin layer rendering on horizontal and vertical areas in building and civil engineering construction, internal finishing etc.
- Leveling mortar on uneven substrates, and profiled concrete surfaces.
- Repair mortar to fill honeycombs, pores etc. On any kind of concrete construction.
- To repair small defects on edges and joint sides, to form and finish joints and coverings.

ADVANTAGES

- One component : just add water
- Easy to mix, apply and finish
- Adjustable consistency.
- Good mechanical strengths.
- Sprayable with wet-spray method
- Non corrosive, non-toxic.

3 APPLICATION

3.1 SURFACE PREPARATION

- The concrete surface should be clean, sound, and free from dust, cement laitance, loose particles, oil, grease or any other contamination.
- Saturate concrete substrate thoroughly with clean water prior to the application. The surface should be damp, not absorbent, no standing water and no surface water from pre-wetting.

3.2 MIXING

- Mixing ratio 6.5-7.0 litre water per 25 kg, depending.
- Pour water in given quantity into the mixing container.
- Use low speed electric mixer (max 500 rpm) for 3 minutes avoiding entrapping of air.
- By adding the powder in portions, the desired application consistency can be obtained
- Mechanical mixing is recommended by Sika for quantities greater than 1 bag
- Mixing should continue for a max 5 minutes after all the contents of the bag are placed in the mix water



3.3 APPLICATION

- Sika Rep Fine can be applied by trowel, spatula or wet spray.
- Minimum thickness per application : **0.5 mm**
- Maximum thickness per application : **5 mm**



3.4 FINISHING

- As soon as the mortar has started to set it can be smoothed by wooden or synthetic float or sponge.
- No additional water must be used as it may lead to discoloration, if not evenly applied.

3.5 CURING

- Where ambient conditions may lead to rapid surface drying, the use of light water fogging for 48 hrs, or a suitable curing compound like Antisol range is recommended

3.7 CLEANING

Clean all tools and equipment with water immediately after use. Cured material can only be removed mechanically.

For any further clarification don't hesitate to contact Sika Egypt Technical Department.

Technical Department

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 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

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proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.

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