METHOD STATEMENT
Sika Top 122®

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VERSION NO.01

SIKA EGYPT

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TECHNICAL DEPARTMENT

BUILDING TRUST

1 SCOPE

This method statement describes the step by step procedure of **SikaTop® 122** as high strength repair for concrete.

2 SYSTEM DESCRIPTION

SikaTop® 122 is Two-component, cement based polymer modified, repair mortar with added polyamide fibres, to form a high strength repair mortar for concrete.

USES

As an economical and easy to use concrete repair mortar suitable for:

- Bridges.
- Water Retaining structures.
- Making good damaged edges and joint arises.
- Repairing honeycombing.
- Concrete repair in general.

ADVANTAGES

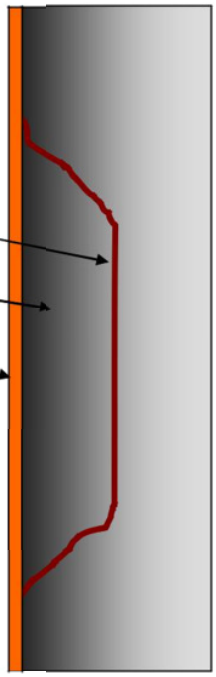
- Easy to mix and apply
- Excellent adhesion
- Good mechanical strength
- Good water and oil resistance
- Increase resistance to salt water, chlorides and carbonation
- Non-toxic and non-flammable
- High abrasion resistance

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



- **Form** A= Liquid B= Powder
- **Color** Concrete grey
- **Mixing Ratio** Comp A:B = 1:6 parts by weights

- Pour apporoximately 4/5 of component (A) into mixing container.
- Add component (B) while continuing to mix . Mix to a uniform consistency for 3 minutes.
- Add remaining component (A) to mix if a greater consistency is required.
- Use a mechanically powered low speed drill (400-600 rpm) with mixing paddle.

3.3 APPLICATION

- Apply with spatula or trowel to reuired profile
  for large applications use Sika Top 121 as a bond coat
- Pot life at 30C is 25 minutes
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3.4 FINISHING

- As soon as the mortar has started to set it can be smoothed by wooden or synthetic float or sponge.

3.5 LIMITATIONS

Minimum thicknes per application : **3 mm**

Maximum thickness per application :**20 mm**

3.6 CURING

- Where ambient conditions may lead to rapid surface drying, the use of light water foggig 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

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