

## **KOSTER SC** A Skimcoat Patch Underlayment

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### **Features:**

KOSTER SC is a high quality, fast curing skimcoat underlayment that provides a smooth, level surface ready to receive flooring systems.

It may be applied onto a variety of substrates such as the KOSTER VAP I 2000 coatings, concrete, etc. KOSTER SC accepts all major floor coverings and is compatible with most adhesives. If the material is installed onto smooth, non-absorbent substrates such as KOSTER VAP I 2000 coatings, the substrate must be primed with KOSTER VAP I 06 Primer.

### **Use:**

KOSTER SC is designed to provide a smooth and level surface of plain concrete surfaces as well as surfaces covered with KOSTER VAP I 2000 vapor barriers. It is intended for interior use.

### **Advantages:**

- Excellent bond strength
- Easy to use and cost effective

### **Surface Preparation:**

Concrete substrates to receive KOSTER SC must be sound, clean and absorptive, free of curing agents, oil, grease, paint, loose particles or any other contaminant that may weaken the bond. The pull off strength of the substrate must be min. 215 psi. Do not acid etch substrates! Do not clean substrate with chemicals. Do not apply over adhesive residue. Do not bridge expansion joints with the KOSTER SC. Expansion joints must be installed accordance with local building codes.

Plain concrete without KOSTER VAP I 2000 vapor barrier:

Concrete substrates are prepared by shot blasting, milling and/or sandblasting in order to achieve an absorbent, open pored substrate. No primer is required over concrete.

Concrete coated with KOSTER VAP I 2000 vapor barrier:

The properly installed and fully cured KOSTER VAP I 2000 coating is primed using KOSTER VAP I 06 Primer (coverage: 650-800 sq ft/gal). For further information refer to the data sheet of the KOSTER VAP I 06 Primer.

### **Mixing:**

Add 1.9 quarts of clean potable water into a clean mixing vessel. Then, add one 10 lb bag of the KOSTER SC in increments, while mixing with an electrical mixer (650 rpm). After all material has been added into the mixing water, mix for 2-3 minutes. The resulting consistency should be lump free.

### **Installation:**

The mixed material is applied to the substrate by trowel at a thickness from feather-edge to 1". The material sets within approx. 10-15 min. After the initial set, remove all overlap marks, seams and inconsistencies by smoothing with a steel trowel. Material can be walked on after 15-20 minutes, depending on thickness. Finished flooring systems can be installed to the surface within 30 minutes depending on the thickness, ambient conditions and flooring system.

### **Coverage:**

Per 10 lb bag:

Nominal thickness	Approx. Coverage
Feather-edge	100-150 sq ft

### **Cleaning:**

Use water to clean all tools immediately after use. Clean off any uncured mortar with clean water only.

### **Packaging:**

10 lb bag

### **Storage:**

Store in cool, dry place.

**Shelf Life:**

12 months when stored properly in original unopened package.

**For Best Results:**

- If applying directly to concrete, the substrate should be cured a minimum of 28 days.
- Only install the KOSTER SC on interior projects.
- Install KOSTER SC if surface temperature is between 45° F and 90° F. Ambient air temperature should be above 50° F.
- Do not install over gypsum based surfaces.
- Do not over-water, retemper or add additives.
- Always install a test area insuring suitability for intended use.
- Not a wearing surface; must be covered with flooring.
- Rely upon floor covering manufacturer for directions concerning maximum allowable moisture content of subfloor, adhesive selection, etc.
- Do not fill cracks and joints with KOSTER SC.
- Do not install over moving joints or moving cracks.

**Limited Warranty:**

KOSTER warrants that its product shall be in accordance with the specifications published in the current revision of the products data sheet. KOSTER covenants that in the event any of its products fail to meet their published specifications, KOSTER shall replace those products proved to be defective. KOSTER shall not be responsible for any incidental or consequential damages due to the breach of its warranties. Notwithstanding the foregoing, KOSTER's sole liability hereunder shall not exceed the cost of the defective product originally purchased. EXCEPT AS SET FORTH ABOVE, KOSTER MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED AND MAKES NO WARRANTY AS TO THE MERCHANTABILITY OR FITNESS OF THE PRODUCT FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The user must determine if the product is suited for the intended use and the user must bear the risks and liabilities associated with it.

**Material Properties:**

Flexural Strength ASTM C 348

28 days 1,200 psi

Set Time ASTM C 191

Initial Set after	10-15 min
Foot traffic after	25 min
Installation of next layer	30 min

**Safety Precautions:**

Contains Portland cement and silica sand; avoid contact with eyes or prolonged contact with skin. Do not take internally. Eliminate exposure and avoid breathing dust; contains free silica

Eye contact – Flush immediately with water and consult physician. DO NOT RUB EYES.

Skin contact – Wash immediately with soap and water. Wearing safety goggles and gloves is recommended.

See Material Safety Data Sheet for further information.