



# Satori™ Harmony KRM

## Sample kit Application Manual

Version 1.0

Proper application is the responsibility of the users

### Safety Precautions

NIOSH approved dust masks (N95) and chemical resistant gloves required for application and removal of the products. The products should be mixed and applied in appropriately and adequately ventilated areas. Avoid generating dust when possible.

**(1) Substrate Preparation – If you are applying the Sample Kit to a wall you will yield approximately 10sqft. If using sample boards you may want to use your chosen primer or basecoat (see the Substrate Preparation Manual available through [www.satoriwalls.com](http://www.satoriwalls.com)) for the actual job on the sample board prior to applying Satori KRM in order to create the most accurate and realistic sample board of the finish.**

Satori KRM is suitable for use (with proper preparation) on the following substrates:

- Gypsum Board, Sheetrock, Drywall, Mortar Board, Cement Board
- Brick or Cement Block Wall
- Painted Walls
- Plaster (other than stucco)

**Satori KRM is for interior use only. Do not apply on any exterior surfaces.**

### **(2) Mixing Instructions**

**NOTE: NIOSH approved dust masks (N95) and chemical resistant gloves required during mixing**

- Do not use a drum mixer machine. Use electric hand mixer.
- Size batch for entire surface area where consistent texture or consistent color is required.
- Combine and re-mix multiple batches as necessary.
- Apply KRM mix promptly within a maximum of 5 hours after mixing.
- Continuously mix while adding any additives, water or materials.
- Satori KRM is for trowel application only

#### **Satori KRM Mixing Instructions and Coverage Rates**

- Standard quantity of water: 1 1/3 pints (.66 Liters) per one bag of Satori KRM.
- Satori KRM can be applied using a two coat method as described below. The objective is to obtain minimum coverage without any bare spots and to achieve a minimum thickness of 1.2mm and a maximum thickness of 2.0mm. The average thickness of KRM should be around 1.5mm when texturizing is used, with 2.0mm thickness at the high points. KRM should not be applied more than 2.0mm thick.

Shikoku International Corporation  
301 N. Rampart St., #C  
Orange, CA 92868  
Phone: (714) 978-0347 FAX: (714)978-3820



The following are the expected coverage rates at different thickness levels and you may use the standard credit card thickness of .03 inch as a handy visual aide:

- Thickness of 1.2mm =.047 or 3/64 inch or slightly less than 1.5 credit cards thick, yields a coverage rate of 10-12 square feet per bag of KRM plaster.
- Thickness of 1.5mm =.059 or 1/17 inch or approximately 2 credit cards thick, yields a coverage rate of 9-11 square feet per bag of KRM plaster.
- Thickness of 2.0mm =.079 or 1/12 inch or approximately 2.5 credit cards thick, yields a coverage rate of 6-7 square feet per bag of KRM plaster.

1. Pour 80% of required quantity of water into a plastic container.
2. Properly place NIOSH approved (N95) dust mask and chemical resistant gloves over person doing mixing and any other persons in close proximity.
3. Add and mix with electric hand mixer, one bag of KRM liquid tint.
4. Add one bag of Satori KRM plaster and mix it thoroughly using electric hand mixer.
5. Stop mixing and let the mixture stand for 20 minutes.
6. Add up to the remaining 20% of water until mix reaches desired application consistency.

### **(3) How to Apply**

- A two-coat process is recommended to achieve the desired total coating thickness.
- Satori KRM is suitable for trowel application. Do not use spray machine.
- Interrupt application only at junctions of coating planes, at openings, and at edges.
- Recommended total coating thickness is 1.2mm – 1.5mm.

### **PROCEDURE**

1. Use rigid rectangular or pointed (use where rectangular trowel doesn't fit) stainless steel trowels in the size and shape appropriate for the area of the wall being worked on, i.e. corners and edges may require very small specialty trowels.
2. Decide whether you will be texturizing KRM and select the proper texturizing tool(s) for your desired look. We recommend trying this on a sample board first.
3. Apply first coat. First coat shall be flat to true surface and thinner than the second coat or about the thickness of the aggregate.
4. When the first coat surface water begins to withdraw or go matte, apply the second coat uniformly up to the recommended thickness (see step 5). Do not let the first coat dry before applying the second coat. Apply the second coat quickly after the first coat begins to go matte.
5. If a smooth finish is desired - Japanese Plastic Trowel or Japanese thin stainless steel trowel recommended for final compression of the finish after the final finish begins to go matte or surface water withdraws to create the smoothest Japanese style finish possible without burnishing.  
If a textured finish is desired - decide how heavy you want the texture at the high points for example, If you want the heaviest texture possible, apply the second coat at 1.5mm and use the texturizing tool of your choice to create the low points down to 1.2mm and high points no greater than 2.0mm. The objective should be an average of 1.5mm throughout the finished wall with texture.

-End of Installation Manual-

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