

<b>PRODUCT NAME :</b>	<b>KANSAI SURE-ADD AFM</b>
<b>DESCRIPTION :</b>	<i>KANSAI SURE-ADD AFM is a water-based acrylic cement modifier to be mixed with concrete or cement to improve the physical properties and flexibility in cement mortars and to produce exceptional performance in cement renders. KANSAI SURE-ADD AFM is based on proven acrylic polymer emulsion designed to improve the resistance of cement renders against chemicals, corrosion, salt and water. Cement mortars based on KANSAI SURE-ADD AFM will adhere to wide range of materials such as metals, timber and old concrete.</i>
<b>RECOMMENDED USE :</b>	<i>KANSAI SURE-ADD AFM is used as an additive in cement mortars, renders, patching compound, repair mortar, GRC panels, guniting and waterproofing cement compound. Addition of KANSAI SURE-ADD AFM will increase durability, eliminates dusting, minimizes cracking, improves abrasion resistance, improves adhesion and enhance the flexibility and elongation. Among the areas where it is highly recommended are repair or resurfacing of concrete floor slabs, construction and repair of decks and balconies, driveway, swimming pools, render coatings, storage tanks, crack repair and pipe lining.</i>
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• <i>Easy to use.</i></li> <li>• <i>Reduce permeability of concrete.</i></li> <li>• <i>Reduce surface dusting.</i></li> <li>• <i>Increase adhesion between surfaces.</i></li> <li>• <i>Increase compressive, impact, flexural and tensile strength.</i></li> <li>• <i>Increase chemical resistance of concrete</i></li> <li>• <i>Non-flammable and non-corrosive.</i></li> <li>• <i>Excellent flexibility</i></li> </ul>
<b>PHYSICAL PROPERTIES</b>	
<b>APPEARANCE</b>	<i>Milky White Liquid.</i>
<b>DENSITY</b>	<i>Approximately 1.0 kg/liter.</i>
<b>pH</b>	<i>9 to 10</i>

### PRIMING/ BONDING

Prime concrete slabs with a 1:1 mixture of KANSAI SURE-ADD AFM and water. Apply at a rate of 8 to 12 m<sup>2</sup>/liter. Allow to dry overnight then apply second coat immediately before application of topping. Allow polymer to become tacky then apply the topping.

### SLURRY COAT

(for priming porous surfaces):

Mix the materials in the following ratio and brush into the surface. The coverage is approximately 15 m<sup>2</sup>.

Portland Cement : 2 kg

Fine Sand : 1 kg

KANSAI

SURE-ADD AFM : 1 kg

Water : 1 kg

### REPAIR or TILE GROUT

Covers about 10m<sup>2</sup> at 6 mm.

Sand : 80 kg

Portland Cement : 40 kg

KANSAI

SURE-ADD AFM : 8 kg

### WATERPROOFING

(minimum 10 mm):

### RENDER

Covers 9m<sup>2</sup> at 10 mm.

Clean Sand : 120 kg

Portland Cement : 40 kg

KANSAI

SURE-ADD AFM : 20 kg

Water : 1 – 2 kg

### HEAVY DUTY TOPPING

(6 mm to 25 mm):

Covers 12m<sup>2</sup> at 6 mm and 3m<sup>2</sup> at 25 mm.

3mm granite chips : 60 kg

Sand : 60 kg

Portland Cement : 40 kg

KANSAI

SURE-ADD AFM : 9.6 kg

Water : For workability only.

Traffic after 24 hours. With good ventilation, topcoats can be applied after 4 hours.

For further information on Product Data, please contact:

Protective Coatings Sales Department

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**DISCLAIMER :**

*The information in this sheet is provided to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond the manufacturer's control, it is the sole responsibility of the buyer to obtain confirmation from the manufacturer on the suitability of the product for the intended use. Therefore, the manufacturer can accept no liability for the performance of the product, or any loss or damage arising out of such use. The information detailed in this data sheet is subject to change without notice in light of experience and of normal product development.*