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| PRODUCT NAME : | KANSAI SURE-ADD ACR |
| DESCRIPTION : | <i>KANSAI SURE-ADD ACR is a water-based acrylic cement modifier to be mixed with concrete or cement to improve the physical properties in cement mortars and to produce exceptional performance in cement renders. KANSAI SURE-ADD ACR 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 ACR will adhere to wide range of materials such as metals, timber and old concrete. It has excellent UV resistance and highly recommended for outdoor applications.</i> |
| RECOMMENDED USE : | <i>KANSAI SURE-ADD ACR 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 ACR will increase durability, eliminates dusting, minimizes cracking, improves abrasion resistance and improves adhesion. Among the areas where it is highly recommended are repairs 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> |
| PERFORMANCE : | <ul style="list-style-type: none"> • Easy to use • Reduces permeability of concrete. • Reduces surface dusting. • Increases adhesion between surfaces. • Increases compressive, impact, flexural and tensile strength. • Increases chemical resistance of concrete. • Non-flammable and non-corrosive. • Excellent UV resistance. |
| PHYSICAL PROPERTIES | |
| APPEARANCE | <i>Milky White Liquid</i> |
| DENSITY | <i>Approximately 1.10kg/liter</i> |
| VOLUME SOLID | <i>50%</i> |
| pH | <i>9 to 10</i> |
| FLEXURAL STRENGTH | <i>11 N/mm² (*)</i> |
| BOND STRENGTH | <i>4.5 N/mm² (*)</i> |
| COMPRESSIVE STRENGTH | <i>39 N/mm² (*)</i> |
| TENSILE STRENGTH | <i>4.2 N/mm² (*)</i> |
| | <i>(*) Result after 28 days with 15% polymer solids to cement weight.</i> |

PRIMING/ BONDING

Prime concrete slabs with a 1:1 mixture of KANSAI SURE-ADD ACR and water. Apply at a rate of 8 to 12 m²/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 m².

Portland cement : 2 kg

Fine Sand : 1 kg

KANSAI

SURE-ADD ACR : 1 kg

Water : 1 kg

REPAIR or TILE GROUT

Covers about 10m² at 6 mm

Sand (0 to 6mm) : 80 kg

Portland cement : 40 kg

KANSAI

SURE-ADD ACR : 8 kg

WATERPROOFING

(minimum 10 mm)

RENDER

Covers 9m² at 10 mm

Clean Sand : 120 kg

Portland cement : 40 kg

KANSAI

SURE-ADD ACR : 20 kg

Water : 1 - 2 kg

HEAVY DUTY TOPPING

(6 mm to 25 mm)

Covers 12m² at 6 mm and 3m² at 25 mm

3mm granite chips : 60 kg

Sand : 60 kg

Portland cement : 40 kg

KANSAI

SURE-ADD ACR : 9.6 kg

Water : For workability only

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