



# KISCOTE SPRIMER

## 2 Component Solvent based epoxy primer

### DESCRIPTION

KISCOTE SPRIMER is a 2-component solvent based epoxy primer designed to prepare metal or concrete surfaces prior to epoxy- and polyurethane-based finishing layer.

### RECOMMENDED USE

- Primer for concrete
- Primer for metallic surface
- Concrete sealer

### ADVANTAGES

- Fast Drying
- Excellent adhesion to mechanically clean surfaces
- Good chemical, solvent and water resistance

### PACKAGING

KISCOTE SPRIMER is supplied in 20 litre Set

Part A – 15 litre

Part B – 5 litre

### APPLICATION GUIDELINES

- Surface must be clean and free of voids, loose materials, oil grease, curing compounds, sealers and any foreign matters.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed
- Any imperfections should be filled with proper patching materials.
- The moisture content in the substrates should not exceed 4%
- For application on new concrete, apply after 28 days from construction

### MIXING

- KisCote SPrimer is supplied in two pre-weighted parts resin and hardener. No additions or omissions are required.
- The entire contents of the Component A given a light agitation and poured into a clean mixing barrel. Next, empty Component B into the mixing barrel and mix homogeneously for at least 2–3 minutes using a mechanical stirrer.
- Mixed epoxy must be processed within the pot life. Mixed epoxy will cure much faster in hot weather. Large batches of mixed epoxy will cure faster than in small batches. Always keep the mixing time the same for all batches to ensure a uniform consistency when product is applied.

### COVERAGE (1 Litre)

- Recommended to apply at a rate of 0.10 kg / m<sup>2</sup> per coat @ 40µm depending on site substrate conditions

### STORAGE

KISCOTE SPRIMER should be stored in tightly sealed original packing at room temperature, and protected from extremes of temperatures can store up to 12 months from date of manufacturing.

REV. TDS-SPRIMER-V1

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KENSETSU INTERNATIONAL (S) PTE LTD



## **HEALTH & SAFETY**

Refer to SDS for further information.

## **TECHNICAL PROPERTIES**

<b>KISCOTE SPRIMER</b>			
<b>Technical Data for Unmixed Parts</b>			
<b>Property @ 25°C</b>	<b>Resin Part A</b>	<b>Hardener Part B</b>	<b>Test Method</b>
Solids	34%	22%	-
Colour	Clear	Amber	-
Density	1.1g/cm <sup>3</sup>	0.97 – 0.99 g/cm <sup>3</sup>	ASTM D4052
Mixing Ratio	3:1 By weight	-	

<b>Technical Data for Mixed Parts</b>		
<b>Property (Mixed A &amp; B)</b>	<b>Value @ 25°C (77°C)</b>	<b>Test Method</b>
Pot Life @ minute	Up to 40 minutes	-
Bond strength to Concrete	Concrete Failure	
Water Absorption 24 hrs, %	-	
Final Cure, day	7	

### **Limitations:**

Minimum substrate temperature	5C
Maximum permissible moisture content of concrete substrate	5%
Minimum temperature for mixing	10C
Minimum temperature for curing	5C
Minimum adhesion strength of pre-treated substrate	1.5N/mm <sup>2</sup>

### **IMPORTANT NOTES**

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/or suggestions made by the company representatives, agents and/or distributors.

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