

# KANSAI HI SHIELD

CODE : 686-XXX

PROJECT

OTHER

## DESCRIPTION

A high quality acrylic emulsion semi gloss paint with superior moss, fungus and weathering resistance

## USE

To decorate and protect interior & exterior finish of various building from concrete, plaster, brickwork, hard & soft board, etc

## COLOR AND GLOSS LEVEL APPEARANCE

1. Available of many color
2. Gloss level : Semi Gloss

## BASIC DATA

Data for mix product	
Application Method	Airless spray, Air spray, Brush or Roller
Specific Gravity	1.21 g/ml (white)
Volume Solids	47 %
VOC	< 1 g/Liter (Method 24 analysis)
Flash point	-
Mixing Ratio	-
Recommended DFT	30 micron / coat
Theoretical Coverage	13 – 15 m <sup>2</sup> / Liter / Coat *Practical coverage vary depending on loss factor
Packaging	20 Liter in plastic container

## SURFACE PREPARATION SUMMARY TABLE

Substrate	Surface Preparation	
	Minimum	Recommended
Coated Surfaces	Clean, dry and undamaged compatible coating. Soft sanding if necessary	Clean, dry and undamaged compatible coating. Soft sanding if necessary If necessary use special cleaning agent to remove fungus

## APPLICATION

Relative humidity shall be below 85%, moisture content of substrate shall be max 8% Adequate ventilation shall be provided in confined spaces to ensure proper drying.

Mixing	This material is a one component coating. Stir paint in container with power agitator well before using	
Airless Spray	Recommended	Nozzle Tip : 0.33 – 0.43 mm Nozzle Pressure : Not less than 10 MPa
Roller	Recommended	Typically 30μ can be achieved
Brush	Recommended	Typically 60μ can be achieved

## Over coating interval for DFT 60 micron

Over-coating with	Interval	10°C	20°C	30°C
		Minimum	12 hours	6 hours
	Maximum	7 days	7 days	7 days

## Curing time DFT to 60 micron

Substrate temperature	Dry to touch	Dry to handle	Full cure
10°C	-	-	-
20°C	-	-	-
30°C	1 hours	4 hours	7 days

## SAFETY PRECAUTIONS

For paint and recommended thinners, see safety sheet and relevant material safety data sheet This is a solvent borne paint and care should be taken to avoid inhalation of spray mist of vapor as well as contact between the wet paint and exposed skin or eyes.

## STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

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