

# KANSAI PU WB

CODE : 688-XXX/001

## PROTECTIVE COATING

POLYURETHANE

### DESCRIPTION

A weather resistance polyurethane Water Based on Special Acrylic resin and aliphatic poly isocyanate as hardener.

### USE

Topcoat for floor concrete painting system, can be use as topcoat for wall

### COLOR AND GLOSS LEVEL APPEARANCE

- White and custom color (by request)
- Gloss Level : Sheen

### BASIC DATA

Data for mix product	
Application Method	Brush or Roller
Specific Gravity	1.24 g/ml (mixtures, white)
Volume Solids	50% (mixtures)
VOC	198 g/Liter (Method 24 analysis)
Flash point	Base : NA Hardener : NA
Mixing Ratio	Base : Hardener = 100 : 1 by weight
Recommended DFT	25 micron/ coat
Theoretical Coverage	18 m <sup>2</sup> /Liter at DFT 25 micron 14.5 m <sup>2</sup> /Kg at DFT 25 micron *Practical coverage vary depending on loss factor
Pot Life	At temperature 10°C 20°C 30°C 24 hours 16 hours 8 hours *Use all mixed paint within pot life
Packaging	16 Kg (12.9 Liter) Base in 5 Liter container 2 X 0.08 Kg (0.08 Liter) Hardener in 100 ml container

### SURFACE PREPARATION SUMMARY TABLE

Substrate	Surface Preparation	
	Minimum	Recommended
Coated Surfaces	Clean, dry and undamaged compatible coating	Clean, dry and undamaged compatible coating

### APPLICATION

Ambient temperature shall be above 5°C and relative humidity shall be below 85%. Surface temperature shall be minimum of 3°C above dew point.  
Adequate ventilation shall be provided in confined spaces to ensure proper drying

Mixing	This material is a two component coating. Always mix a complete set unit in the proportion supplied. After mix, use all mixed paint within pot life specified 1).Stir Base (Part A) with power agitator 2).Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator	
Brush	Recommended	Typically 20 – 30µ can be achieved
Roller	Recommended	Typically 20 – 30µ can be achieved
Thinner	Clean Water	Max 10% depend on application method

### Over coating interval for DFT 25 micron

Over-coating with	Interval	10°C	20°C	30°C
It self	Minimum	16 hours	4 hours	2 hours
	Maximum	1 month	1 month	1 month

### Curing time DFT to 25 micron

Substrate temperature	Dry to touch	Dry to handle	Full cure
10°C	16 hours	36 hours	7 days
20°C	10 hours	24 hours	7 days
30°C	6 hours	16 hours	7 days

### SAFETY PRECAUTIONS

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

- Avoid at all times inhalation or aerosol spray-mist
- Harmful by inhalation and in contact with skin
- Harmful to aquatic organism, may cause long-term adverse effects in the aquatic environment

### 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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