KANSAI PLC 34 AC

CODE : 471-822

DESCRIPTION

A pigmented solved solvent-based acrylic concrete coating formulated using proven methacrylate resin to provide long term protection against corrosion and staining of carbonation concrete.

USE

An anti carbonation coating for reinforced concrete block, plaster, cement render, plaster board and asbestos board surfaces to protect from mechanical and mild chemical attack besides providing a durable and aesthetic surface

COLOR AND GLOSS LEVEL APPEARANCE

- White, Grey, Custom Color (by request)
- Gloss Level : Sheen, Matt (by request)

BASIC DATA

Data for mix product	
Application Method	Airless spray, Air spray, Brush or Roller
Specific Gravity	1.19 g/ml
Volume Solids	59.00%
VOC	488 g/Liter (i.e Method 24 analysis)
Flash point	41°C
Recommended DFT	50 micron/coat
Theoretical Coverage	10 m^2/Liter at DFT 50 micron 8.4 m^2/Kg at DFT 50 micron *Practical coverage vary depending on loss factor
Packaging	5 Liter (5.95 Kg) in 5 Liter container.

SURFACE PREPARATION SUMMARY TABLE

Substrate	Surface Preparation	
	Minimum	Recommended
Concrete	Clean, dry and undamaged concrete. New concrete shall be cure at least 28 days	Clean, dry and undamaged concrete. New concrete shall be cure at least 28 days
Carbon Steel	St 3 (ISO 8501-1)	Sa 2 ½ (ISO 8501-1)
Coated Surfaces	Clean, dry and undamaged compatible coating. Soft sanding if necessary	Clean, dry and undamaged compatible coating. Soft sanding if necessary

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 one component coating. Stir paint in container well before using	
Airless Spray	Recommended	Nozzle Tip : 0.38 – 0.48 mm Nozzle Pressure : Not less than 10MPa
Air Spray (Conventional)	Recommended	Nozzle Orifice : 1.5 – 2.0 mm Nozzle Pressure : 0.3 – 0.4 MPa
Brush	Recommended	Typically 30 – 40µ can be achieved
Roller	Recommended	Typically 30 – 40µ can be achieved
Thinner	AP Enamel Thinner	max 15% depend on application method

Over coating interval for DFT 50 micron				
Over-coating with	Interval	10°C	20°C	30°C
Chlorinated rubber, and Acrylic coating	Minimum	16 hours	12 hours	6 hours
	Maximum	1 month	1 month	1 month

Curing time DFT 50 micron			
Substrate temperature	Dry to touch	Dry to handle	Full cure
10°C	6 hours	16 hours	7 days
20°C	2 hours	10 hours	7 days
30°C	45 min	6 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

- Avoid at all times inhalation or aerosol spray-mist
- Harmful by inhalation and in contact with skin
- Highly flammable liquid and vapor
- 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

DISCLAIMER

The information given on this sheet is the best of our knowledge and accuracy at the time of issuing. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise, and the suitability of the material for the use contemplated is the sole responsibility of the buyer. The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.

TECHNICAL DATA SHEET KANSAI PAINT