

KANSAI SURESEAL PS 700

CODE : 471-821

PROTECTIVE COATING

ANTI CARBONATION

DESCRIPTION

A low viscosity, clear penetrating sealer based on siloxane-silane.

USE

Used for protection of old and new concrete structure, a primer or protective sealer for bridge decks, concrete marine structures, concrete floor, concrete highway, natural stone, brick wall, precast concrete, etc. Can also be used as water repellent on concrete structures and walls

COLOR AND GLOSS LEVEL APPEARANCE

Transparent Clear

BASIC DATA

Data for mix product	
Application Method	Airless spray, Air spray, Brush or Roller
Specific Gravity	0.90 g/ml
Volume Solids	7.50%
VOC	830 g/Liter (Method 24 analysis)
Flash point	60 °C
Recommended DFT	Paint will absorb, minimum apply 2 coat based on coverage
Theoretical Coverage	2.5 – 3.5 m ² /Liter/coat 2.7 – 3.8 m ² /Kg/coat * Depend on surface roughness and porosity
Packaging	5 Liter (4.5 Kg) in 5 Liter container.

SURFACE PREPARATION SUMMARY TABLE

Substrate	Surface Preparation
	Recommended
New Concrete	Surface should be fully cured, free from laitance, dirt, dust, and any other forms of contaminants.
Old Concrete	Removal of all substances that may prevent absorption, i.e., oil, grease, loose particles, moss, algae growth, existing coating, curing compound and etc.

APPLICATION

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	Not Recommended	-
Air Spray (Conventional)	Recommended	Nozzle Orifice : 1.2 – 1.4 mm Nozzle Pressure : 0.3 – 0.4 MPa
Brush	Recommended	-
Roller	Recommended	-
Thinner	Ready for use	No thinning required

Over coating interval for 2 Coat				
Over-coating with	Interval	10°C	20°C	30°C
Chlorinated rubber, and Acrylic SB coating	Minimum	5 hours	3 hours	2 hours
	Maximum	7 days	7 days	7 days

Curing time 2 Coat			
Substrate temperature	Dry to touch	Dry to handle	Full cure
10°C	5 hours	36 hours	7 days
20°C	3 hours	24 hours	7 days
30°C	2 hours	16 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

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