KANSAI SURESEAL 1208 UWE

CODE : 471-XXX/900

DESCRIPTION

High performance solvent free epoxy mastic, capable of application and curing underwater

USE

Metal and concrete structures in offshore marine and petrochemicals services, underground and submarine pipes, jetty piles, etc.

COLOR AND GLOSS LEVEL APPEARANCE

- White, Grey
- Gloss Level : Semi Gloss (Curing Above the Water), Matt (Curing Under the Water)

BASIC DATA

Data for mix product	
Application Method	Airless spray, Air spray, Brush or Roller
Specific Gravity	1.35 g/ml (mixtures)
Volume Solids	95% (mixtures)
VOC	68 g/Liter (Method 24 analysis)
Flash point	Base : 250°C Hardener : 90°C
Mixing Ratio	Base : Hardener = 4 : 1 by weight
Recommended DFT	150 micron/ coat
Theoretical Coverage	3.8 m^2/Kg at DFT 150 micron 5.1 m^2/Liter at DFT 150 micron *Practical coverage vary depending on loss factor
Pot Life	At temperature 10°C 20°C 30°C 1.5 hours 1 hours 45 min *Use all mixed paint within pot life
Packaging	4 Kg (2.78 Liter) Base in 5 Liter container 1 Kg (1 Liter) Hardener in 1 Liter container

SURFACE PREPARATION SUMMARY TABLE

Substrate	Surface Preparation	
	Minimum	Recommended
Carbon Steel	St3 (ISO 8501-1)	Sa 2 ½ (ISO 8501-1)
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

APPLICATION

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 lifespecified 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	
Airless Spray	Recommended	Nozzle Tip : 0.48 – 0.58 mm Nozzle Pressure : Not less than 10MPa
Air Spray (Conventional)	Not Recommended	Nozzle Orifice : 1.8 – 2.5 mm Nozzle Pressure : 0.3 – 0.4 MPa
Brush	Recommended	Typically 60 – 80µ can be achieved
Roller	Recommended	Typically 60 – 80µ can be achieved *Recommendation application under water by Roll / Brush
Thinner	No Thinning	No Thinning

Over coating interval for DFT 150 micron				
Over-coating with	Interval	10°C	20°C	30°C
Various two-pack epoxy and polyurethane	Minimum	48 hours	24 hours	16 hours
	Maximum	1 month	1 month	1 month

Curing time DFT to 150 micron			
Substrate temperature	Dry to touch	Dry to handle	Full cure
10°C	16 hours	48 hours	7 days
20°C	8 hours	24 hours	7 days
30°C	4 hours	4 hours	16 hours

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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TECHNICAL DATA SHEET KANSAI PAINT