RETANTECT 6000 (M)

Technical Data

Polyurethane Paint

A weather resistant high build polyurethane enamel based on acrylic polyol resin and polyisocyanate hardener

Steel structure at marine or industrial severe corrosive environment

- Excellent gloss and color retention
- Excellent durability in chemicals and marine environment
- Good applicability
- High-build coating
- Provides hardness, abrasion resistance
- Good adhesion to epoxy primer and polyurethane topcoat
- Quick drying

White and colours

Full gloss

65 %

Dry: 50 microns / coat

13.1 ml/L at 50 microns DFT

Practical coverage vary depending on loss factors.

Non-continuous: 200°C, Continuous: 100°C

These numerical values are subject to normal manufacturing tolerances, colours and testing variances.

Surface Preparation

All surfaces to be coated should be completely clean, dry and free from contamination. Surface preparation method shall be in accordance with ISO 8504: 2000.

- Remove salt and other water-soluble contaminants by fresh water.
- Remove oil and grease with suitable detergent or solvent (SSPC-SP-1).
- Remove rust, mill scale and other loose material completely by abrasive blasting (ISO 8501-1:2007 Sa 2 1/2 or SSPC SP-10) or power tool cleaning (ISO8501-1 St 3 or SSPC SP3).

Ambient temperature shall be above 0°C and relative humidity shall be below 85%. Surface temperature shall be a minimum of 3°C above dew point. Adequate ventilation shall be provided in confined spaces to ensure proper drying.

Application

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Mixing

Stir base component with power agitator well before mixing. Then power mix two components.

Mixing ratio

Base/Hardener = 10/1 by weight

Induction Time

Not required

Application Method

Airless spray

Thinner: Retan Thinner (0-10% by weight)
Nozzle pressure: Not less than 10Mpa
Nozzle Tip: No.163-515~621
Brush

Thinner: Retan Thinner (0-5% by weight)
Power mix thinner if required.

*Too much thinning results sagging and slower cure.
SAFETY PRECAUTIONS

Detail information is given on Safety Data Sheet (SDS). Avoid inhalation of spray mist or vapour. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention. Since this product contains flammable solvents, keep away from sparks and open flames. Application and handling of this product should be in compliance with relevant national regulations.

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*If any inquiries, please consult Kansai Paint representative for further information.