

Serethane 1000

Serethane 1000, two component. *Serethane 1000* a glossy, tile-like attractive topcoat, produces a smooth, slick and hard film which is readily cleaned. This coating has very good resistance to splash and spillage of salts and water. It is easily applied by airless or conventional spray. It has excellent gloss and color retention, weatherability, abrasion resistance and flexibility.

CHARACTERISTICS

- Remarkable weathering resistance and durability.
- Decorative appearance and excellent adhesion strength.
- Excellent impact and abrasive resistance.
- Easy to repair and inexpensive maintenance cost.

RECOMMENDED USE

- For use in chemical processing, pulp and paper, petrochemical, offshore drilling and similar demanding industries where chemical resistance, toughness, color retention and weatherability are required. (It is not recommended for immersion services.)

PHYSICAL PROPERTIES

- Appearance Clear only
- SVR (%) 25.4
- Theoretical coverage 8.5 m²/liter × 30 μm
- Gloss Glossy
- Recommended Dry Film Thickness 30~40 μm
- * Normally it is recommended by one or two times.
- * Discoloration and loss of gloss is observed when it is continued in high temperature.

- Chemical Resistance

Exposure	Condensation	fumes
acids	Good	Good
alkalis	Excellent	Excellent
solvents	Good	Excellent
water	Excellent	Excellent
salt	Excellent	Excellent

- Not Recommended for:

* Immersion and exposure to strong acids and solvents.

* Exposure to direct sun light for a long time.

It may cause the losing of gloss, discolor and eventually chalk.

THINNER

- 0925, Serethane thinner

MIXING RATIO

- A : B = 5 : 1 (by weight)

PACKING UNIT

- Part A : 13 kg, Part B : 2.6 kg
- Could be packed on request.

STORAGE

- Store it indoor at room temperature.
- Storage temperature : 0 ~ 43 °C
- Humidity : 0 ~ 85 % (unopened condition)
- Must keep sealed remained product once opened.

SHELF LIFE

- 12 months in unopened containers under normal warehouse conditions.

PRECAUTIONS

- Keep adequate ventilation during the application.
- Store it indoor and cool place and keep away from ignition.
- Store the remaining materials quite sealed after use.
- Do not exposure to the moisture.
- Keep away from children during coating and storing.
- Products of this type can be expected to be eye and skin irritants and have the potential to cause sensitization or other allergic responses.
- Appropriate precautions should be taken to avoid eye and skin contact and to avoid inhalation of the aerosols or vapors.
- Consult the relevant Material Safety Data Sheet for appropriate handling procedures and protective equipment prior to using this or any other material referred to in this bulletin.
- See Material Safety Data Sheet for emergency and first aid procedures.
- Must not use this product for other purposes except for it's own use.

IMPORTANT The information contained in this publication is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

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LIMITS

This Direction for use applies to **Serethane 1000**.

This is a standard guide. If there are anything different from the specification at the workplace, please follow the specification.

WORKING CONDITION

- Application tools Brush, roller and spray
 Electric agitator(for mixing catalyst)
- Pot life (hour/25°C) min. 3
- * The pot life will be shortened if the temperature is higher than this.
- * Do not use a product expired pot life.
- Recoating interval 3 hours (25°C)
- Application Conditions

	Material(°C)	Surface	Ambient	Humidity(%)
min	5	5	5	0
nor	15~30	15~30	15~30	Below 80
max	40	45	45	Up to 85

* These can be different under the working environments.

* Do not apply unless surface is 3°C above the dew point.

SURFACE PREPARATION

- Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
- Remove any oil or grease from surface to be coated with clean rags soaked in Jeong Seok Thinner #001, #003 or toluol in accordance with SSPC-SP-1.

DIRECTIONS FOR WORK

- Brush or Roller.
- Airless : Nozzle orifice 0.43~0.53mm (0.017~0.021")
 Nozzle pressure 153~168Kg/cm² (2100~2300 psi)

PRECAUTIONS

- Keep adequate ventilation during the application.
- Store it indoor and cool place and keep away from ignition.
- Keep away from children during coating and storing.
- Take a gas mask and put on the other personal protector in the applying.
- Once opened, containers should be resealed immediately after removal of the product.
- Do not exposure to the moisture .
- Must use suitable thinner, otherwise you must get failure coating film.
- In case of ingestion or skin contact, administrate first aid according to notice on container or Material Safety Data Sheet(MSDS), and see the doctor immediately.
- Do not use other purpose except original recommended use.

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