



## SUPER EXTREME MARINE URETHANE ANTIMICROBIAL

### PRODUCT DESCRIPTION

A topcoat with excellent gloss and colour retention for indoor, outdoor industrial, construction and marine applications:

- Tough, hard wearing flexible film, with excellent colour retention and weathering resistance.
- Excellent chemical and water resistance.
- Can be easily over coated after long exposure periods
- Excellent UV resistance.
- Used as a finish coat for various surfaces such as wood, concrete floors and structural steel of food and chemicals processing plants and anti-chemicals flooring.

**ANTIMICROBIAL** offers antifungal and/or antibacterial peptidic agent in a sufficient amount to inhibit or prevent the growth of a fungus, bacterium or both on a surface coated with the surface coating composition, wherein the antifungal or antibacterial peptidic agent is an amino acid sequence selected from SEQ ID Nos.

**SDE Antimicrobial certified paint also passes these (regulation-tests)**

**Escherichia Coil (ATCC13706)**

**Staphylococcus Aureus (ATCC6538)**

**Candida Albicans (ATCC10231)**

### Technical Coating Data @ 25 °C for mixed material

<b>Finish</b>	High Gloss
<b>Color Range</b>	As per color card
<b>Solids Volume</b>	63 ± 2%
<b>Dry Film Thickness Range</b>	50 -150 µm
<b>Theoretical Spreading Rate</b>	12.4 m <sup>2</sup> / L @ 50 microns DFT (loss factors will apply in practice)
<b>Surface Dry</b>	1h.
<b>Recoat Interval</b>	4 hours minimum 10 days maximum
<b>Complete Cure</b>	4 days
<b>Pot Life</b>	2 hours
<b>Flash Point</b>	28°C
<b>Shelf Life</b>	12 months (stored in a cool dry place)
<b>VOC</b>	521 g/L

---

**WHERE SAFETY COMES FIRST!**  
[www.antislipegypt.com](http://www.antislipegypt.com)

## Film Thickness and Spreading Rate:

	Minimum	Maximum	Typical
Film thickness, dry (µm)	50	150	100
Film Thickness, wet(µm)	81	242	162
Theoretical Spreading Rate (m <sup>2</sup> /L)	12.4	4.13	6.2

## Suitable Surfaces

- Steel properly prepared and blast cleaned to ISO-Sa2½
- Concrete free of contamination, dust and efflorescence, and properly prepared.
- Marble and non-ferrous metals properly primed using compatible etching primer.

## Bare Steel:

Cleanliness: Blast – cleaning to Sa2 1/2 (ISO-8501-1:2007). Power tool cleaning to min. St2 (ISO 85011:2007) may be acceptable, subject to exposure conditions.

## Shoppripped Steel:

Clean, dry and undamaged approved shop primer

## Coated Surfaces:

Clean, dry and undamaged compatible primer.

## Other Surfaces:

For aluminium substrates, thorough washing and sweeping with a non metallic blast medium is required.

## Application Conditions

Substrate temperature should be 10°C or above for application and during cure and a minimum of 3°C above the dew point. Adequate dry air ventilation is recommended for optimum drying.

## Application Information

Thinning should only take place after its been thoroughly mixed.

## Brush and Roller

Thin if required with 0-5% Paint Thinner.

## Conventional Air Spraying

- Thin with 5-25% Paint Thinner, as required.
- Tip size - 2.0 mm
- Tip pressure - 60 psi (0.4Mpa) approximately

## Airless Spraying

- Thin with 0-20% Paint Thinner, as required
- Tip size - 0.58-.79 mm approximately
- Tip pressure - 2100 psi (15Mpa) approximately

### **Cleaning Thinner**

Equipment should be cleaned immediately after use with Paint Thinner.

### **Drying time:**

Drying times are affected by air ventilation, temperature, film thickness and number of coats.

Substrate Temp.	10° C	25° C	40° C
Surface Dry	90 min.	60 min.	30 min.
Through Dry	4 h	2 h	1 h
Dry to recoat, minimum	12 h	4 h	2 h

The given data serve as guideline only. The actual drying time differs according to film thickness, ventilation, humidity and underlying paint system.

### **Storage:**

Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

### **Handling:**

Handle with care. Stir well before use.

### **Packing Size:**

3 LITRES

### **Summary Safety Information**

- Avoid inhalation of spray mist and skin contact by the use of masks, gloves and other personal protection. Eyes should be cautiously washed with water or proprietary wash, and medical attention obtained. Skin should be thoroughly washed using a cleanser and soap and water.
- Product is flammable
- No sparks or flames
- No smoking

The information given in this data sheet represents test results & practical experience obtained under controlled conditions, and are correct to the best of our knowledge. However, as products are often used under different conditions, we can only guarantee the quality of our product, and reserve the right to change data without further notice.