



PT. Indowijaya Sakti Teguh

Jl. Pangeran Jayakarta 121/3-4, Jakarta Pusat

www.puffinpaint.com Telp : 021- 62313238

PUFFIN EPOXY UNDERWATER TOPCOAT

Is two component cycloaliphatic phenalk amine epoxy cured (solvent free) coating with Phenolic / novolac. Designed as a topcoat for anti corrosion in under water application and atmospheric and immersed environments

1. Properties

| | |
|--|--------------------------------|
| COLOR | Colour Card |
| GLOSS LEVEL | SATIN 35-75 |
| FILM THICKNESS, DRY (μm) | 500-2000 |
| FILM THICKNESS, WET (μm) | 500-200 |
| THEORETICAL SPREADING RATE (M^2/L) | 2-0.5 |
| SOLIDS (VOL %) | 99% +/- 2 |
| DENSITY (g/cm^3) | 1.4 |
| FLASH POINT | 25°C \pm 2% |
| PRACTICAL COVERAGE | ALLOW APPROPRIATE LOSS FACTORS |

2. Characteristics

tidal
for Port and harbour ,
sheet piles, piled jetties, offshore
platform, touch up for marine vessels, etc.

As top coat for maintenance in under water or
zone steel structures. Suitable
facilities such as

3. Usage

1) Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination

2) Substrate Minimum Recommended :

In case of direct application to the epoxy paint film, sanding is required before application. Machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface and to remove all polish from the surface.

- 3) Application: Rubber spatula and rubber trowel
- 4) Mixing ratio
- Base A: 1
 - Base B: 1
 - Pot life: <1 hour after mixing
 - Thinner: Puffin Epoxy Thinner max 5%
- 5) Drying and Curing time:
- Drying and curing times are determined under controlled temperatures and relative humidity below 85 %, and at average of the DFT range for the product.
- Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.
- Dry to over coat, minimum: The shortest time allowed before the next coat can be applied.
- Surface (touch) Dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

| SUBSTRATE TEMPERATURE (°C) | 5 | 15 | 23 | 40 |
|-----------------------------------|----------|-----------|-----------|-----------|
| SURFACE DRY (hour) | - | - | - | - |
| DRY ON WALK (hours) | 26 | 10 | 7.5 | 4 |
| Dry to over coat, minimum (hours) | 18 | 4 | 2 | 1 |
| Dryed/cured for service (days) | 7 | 6 | 5 | 4 |

- 6) Product compatibility : Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product.
- Some examples are shown below.
Previously : Epoxy Underwater Undercoat

4. Precaution

- 1) Ensure to clean the surface before application.
- 2) Health and safety : Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.
- 3) Storage : The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care. Shelf life at 23 °C : 24 Month(s)

5. Packing :

2 & 10 & 40 Kg Set

