



PT. Indowijaya Sakti Teguh

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

www.puffinpaint.com Telp : 021- 62313238

PUFFIN ZINC RICH COLD GALVANIZE

One component, solvent-base, physically fast drying. This Product contain alumunium zinc and special resin for anti corrosion protection. Easy to use, good adhesion. Suitable for repair hot dip galvanize

Properties

COLOR	Silver
GLOSS LEVEL	Doff (0-35)
FILM THICKNESS, DRY (μm)	50-100
FILM THICKNESS, WET (μm)	280-1000
THEORETICAL SPREADING RATE (M ² /KG)	5-10
SOLIDS (VOL %)	50% +/- 2
DENSITY (g/cm ³)	1,1
FLASH POINT	104°C \pm 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

Characteristics

Suitable for

Structural steel, single steel and piping exposed to moderate corrosive environments;
As material repairing for hot dip galvanize;
Recommended for offshore environments, refineries, power plants, bridges, buildings and mining equipment.

Usage

Surface preparation:	To secure lasting adhesion to the subsequent product, all surfaces shall be clean, dry and free from any contamination. Oil or grease should be removed.
1) Cleanliness	<p>Remove salts, detergents and other contaminants by high pressure fresh water cleaning. Remove oil, grease and other contaminants by suitable detergent cleaning.</p> <ul style="list-style-type: none">- Remove dust, blast media and loose materials.- The surface must be dry and clean prior to application.- For approved substrates other than Carbon Steel, the substrate may require other surface preparations,- Minor areas can be cleaned by power tool to St 3 provided the surface is roughened and not polished.- Maintenance and Repair - Minor areas may be hand or power tool cleaned instead of abrasive blasting.- For more details, consult Puffin CS for surface preparation guidelines.
2) Application guideline : Application methods The product can be applied by	<p>Spray: Use airless spray.</p> <p>Brush or roll : Recommended for stripe coating and small areas, Care must be taken to achieve the specified dry film thickness.</p>
Product mixing :	Single pack
Thinner/Cleaning : Guiding data for airless spray:	<p>Puffin Thinner CG</p> <p>Nozzle tip (inch/1000):) : 19-23</p> <p>Pressure at nozzle (minimum200 bar/2900 psi)</p>
3) 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.

SUBTRATE TEMPERATURE (°C)	5	10	23	40
SURFACE DRY (MINUTES)	120	60	30	20
Dry to handle (hours)	48	24	16	8
Dry to over coat (hours)	24	16	8	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

Previous coat: Subsequent coat : Alkyd, Epoxy, Epoxy Zinc Phosphate, Zinc Epoxy (with epoxy tie coat)

Approved list of topcoats : Puffin PU Topgard Enamel, Puffin PU Topgard, Duco, Puffin acrylic gloss enamel

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 = 18 Month(s)

Packing :

1 & 5 & 20 L