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PT. Indowijaya Sakti Teguh

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PUFFIN MENI ZINCROMATE MID

One component alkyd coating with fast drying, high build, zinchromate pigmented. Can be used as primer or single coat in normal atmospheric environments. Suitable for carbon steel, iron, and wooden substrates.

1. Properties

COLOR	Grey
GLOSS LEVEL	MATT(0-35)
FILM THICKNESS, DRY (μm)	45-140
FILM THICKNESS, WET (μm)	70-220
THEORETICAL SPREADING RATE (M^2/L)	14~4.5
SOLIDS (VOL %)	65 \pm 2
DENSITY (g/cm^3)	1.5
FLASH POINT	26°C \pm 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

1) Recommended For steel structure, wooden and concrete

3. Usage

1) Surface preparation: For lasting adhesion to the subsequent product, all surfaces shall be clean, dry and free from any contamination. Oil or grease must be removed.

2) Substrate Minimum Recommended : The surface should be assessed and treated in accordance with substrate minimum recommended

For wooden substrate: Clean and dry surface. Surface contamination has to be



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removed by detergents and fresh water cleaning.

For carbon steel substrate: Sa 2½ (ISO 8501-1)

For Aluminium substrate: Water jetting to cleanliness corresponding to the description of Wa 1 (ISO 8501-4) The surface shall be hand or 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:

Airless spray, airspray, brush, roller
Spray: Pressure at nozzle (minimum):
150 bar/2100 psi

Nozzle tip (inch/1000): 15~19 Filter
Check to ensure that filters are clean.

Brush: For stripe coating and small areas

Care must be taken to achieve the specified dry film thickness

Roller: For small areas. Not recommended for first primer coat. Care must be taken to achieve the specified dry film thickness.

4) Dilution

Thinner NC /ND

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.



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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 (minute)	30	20	15	10
DRY ON WALK (hours)	2,5	2	1,5	1
Dry to over coat, minimum (hours)	2,5	2	1,5	1

6) Heat resistance temperature:

Continuous	Peak
120°C	140°C

Dry : atmospheric

Peak temperature duration max

1 hour

The temperatures listed relate to retention of protective properties. Aesthetic properties may suffer at these temperatures.

7) 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:

Alkyd



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Subsequent coat:

Alkyd, alkyd NC(DUCO)

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 : 48Month(s)

5. Packing :

1 kg, 4kg & 20kg