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PUFFIN EPOXY TANKGARD BD 40%

Two components cycloaliphatic amine cured phenolic /novolac epoxy. It is high performance body coat for internal tank chemical resistant epoxy high build coatings system

1. Properties

COLOR	Limited color
GLOSS LEVEL	gloss (45-5)
FILM THICKNESS, DRY (μm)	500-2000
FILM THICKNESS, WET (μm)	500-2000
THEORETICAL SPREADING RATE (M^2/L)	2-0.5
SOLIDS (VOL %)	75% +/- 2
DENSITY (g/cm^3)	1.4
FLASH POINT	100C \pm 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

2. Characteristics

Suitable for piping and internal tank storage

Water and chemical resistant high building epoxy system with chemical expose up to 40% concentrate acidic, recommended for water, oil, crude oil, solvent and other chemical.

3. Usage

1) Surface preparation:

Clean, dry and free from undamaged compatible coatings.

2) Substrate Minimum Recommended:

The surface must be clean, dry and free from dust and other contaminant

3) Application:

Spray:

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



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- Brush:
 - Nozzle tip (inch/1000): 15-19
 - Filter Check to ensure that filters are clean.
 - For stripe coating and small areas.
 - Care must be taken to achieve the specified dry film thickness.

- 4) Mixing ratio
 - Base A: 4
 - Base B: 1

- 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.

SUBTRATE TEMPERATURE (°C)	15	23	40
SURFACE DRY (hour)	6	4	2
DRY ON WALK (hours)	24	15	6
Dry to over coat, minimum (hours)	24	15	6
Dry to over coat, minimum (hours)	72	36	24
Dryed/cured for service (days)	10	7	3



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6) Product compatibility: Depending on the actual exposure of the coating system, various primers and topcoats can be use in combination with this product.

Some examples are shown below.

Previous:

Epoxy

Subsequent coat:

Epoxy, Polyurethane

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 size:**

20Kg Set