



## PUFFIN EPOXY SELF LEVELING FLEXI SATIN

Two component cycloaliphatic amine cured epoxy ( Solvent Free ). This product is high performance top coat floor coatings, leaving seamless surface, satin finishing, chemical resistant and very suitable for high build floor coatings system on properly prepared concrete for floor coatings.

### 1. Properties

COLOR	Limited colour
GLOSS LEVEL	gloss (35-65)
FILM THICKNESS, DRY ( $\mu\text{m}$ )	500-1000
FILM THICKNESS, WET ( $\mu\text{m}$ )	500-1000
THEORETICAL SPREADING RATE ( $\text{M}^2/\text{L}$ )	2-1
SOLIDS (VOL %)	99% +/- 2
DENSITY ( $\text{g}/\text{cm}^3$ )	1.3
FLASH POINT	46°C $\pm$ 2%
PRACTICAL COVERAGE	ALLOW APPROPRIATE LOSS FACTORS

### 2. Characteristics

Suitable

For wide range floor coatings system, with various level of mechanical and chemical exposure, recommended for industrial, factory, laboratory, hospital, warehouse, food and beverage plant, kitchen, and etc

### 3. Usage

1) Surface preparation:

Clean, dry and free from undamaged compatible coatings

2) Substrate Minimum Recommended :

The surface should be dry, free from dust and other contaminant.

3) Application: Raskam ,brush, roller and spike roll is recommended

4) Mixing ratio

Puffin Epoxy Self Leveling Flexi Satin Base A: 4

Puffin Epoxy Self Leveling Flexi Satin Base B: 1

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.

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

5) Product compatibility :

Depend 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 :  
Subsequent coat:

Epoxy  
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 :**

1 Kg, 5 kg & 20 Kg Set