

## **SEMBOL SOLVENT-FREE EPOXY PAINT / (Orange Peel Patterned) COAT**

**Definition:** It is a two-component, reaction-drying, solvent-free, epoxy resin-based, polyamine hardener, hard film-leaving, paint and / or (orange peel pattern) floor coating material.

**Qualities:** It can be used as paint and floor coating on all types of durable metal and cement based surfaces where operating rooms, textile factories, food facilities laboratories, power plants, garages, laundries, warehouses, car parks, repair, maintenance and washing units, walkways, bathrooms and where chemical and mechanical resistance is desired. It is hygienic on the applied surface, does not dust, provides an aesthetic and easy-to-clean surface.

### **SURFACE PREPARATION**

**New surfaces:** Oil, dirt and dustings should be cleaned from the surface, the surface to be applied should be sanded and made suitable for the coating after dust is removed. Subsequently, it should be primed with Solvent Free Epoxy Transparent Primer.

**Old painted surfaces:** Loose swollen paints on the surface should be cleaned, level defects on the surface should be filled with epoxy paste and sanded. All free powders on the surface should be cleaned with the help of vacuum. Subsequently, it should be primed with Solvent Free Epoxy Transparent Primer.

### **APPLICATION**

**Painting:** 24 hours after primer application, A and B component should be mixed with the help of a mixer and applied by combing the surface with the help of a roller.

**Coating(Orange Peel Pattern):** 24 hours after primer application, component A and B are mixed thoroughly with a mixer. The prepared mixture is spread evenly on the surface with the help of a Roller or Notched Trowel and a pattern is applied to the surface with the help of a coral roller.

**Tools :** Roller, Coral roller, Notched trowel, Brush

### **Specifications**

**Colour:** It can be produced in any desired color.

**Gloss (at 60°C):** Min. 80 gloss

**Density(gr/cm<sup>3</sup> ,20°C) :** Depends on the colour.

#### **Coverage**

In paint application: 0,250-0,300 Kg./m<sup>2</sup> for a single coat

In coating application: 0,800-1,25 Kg./m<sup>2</sup> in 800 mm - 1 mm thickness

**Application temperature:** 5 ° C - 30 ° C

**Pot Life:** 30-40 minutes (varies depending on the ambient temperature)

**Drying Time:** Touch drying time is 5 hours

**Time required to apply another coat on it:** at least 18 hours

**Duration of gaining chemical resistance:** 8 days.

**Storage:** Should be stored in a cool place, in closed containers with no direct sunlight. Its shelf life is one (1) year in its unopened packaging.

**Packaging:** 17+3=20 Kg. Fixed

### **Safety Warnings:**

S2 Keep out of the reach of children.

S7 / 9 Keep container tightly closed and in a well-ventilated place.

S16 Keep away from sources of ignition. - No smoking.

S23 Do not breathe vapor.

S24 / 25 Avoid contact with eyes and skin.

S29 Do not empty into drains.

S37 / 39 Wear suitable gloves, safety glasses and mask.

S46 If swallowed, seek medical advice immediately and show this container or label.

S51 Use only in well-ventilated areas.

**Risk Warnings:**

R10 Flammable.

R20 Harmful by inhalation.

R38 Irritating to skin.

R48 Danger of serious damage to health under prolonged exposure.

R65 Harmful: May cause lung damage if swallowed

R67 Vapors can cause drowsiness and dizziness.

**Hazardous Warnings:**

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 Causes allergic skin reactions.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 May be fatal if inhaled.

H332 Harmful by inhalation.

H400 Very toxic in the aquatic environment.

H410 Long lasting, very toxic effect in the aquatic environment.

H411 Long lasting, toxic effect in the aquatic environment.

H412 Long lasting, harmful effect in aquatic environment.

H225 Easily flammable liquid and vapor.

H226 Flammable liquid and vapor.

**Precautinary Warnings:**

P210 Keep away from heat / sparks / flames / hot surfaces. - No smoking.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P303 + P361 + P353 If in contact with skin (or hair): Immediately remove / remove all contaminated clothing. Rinse your skin with water / shower.

P308 + P313 Get medical attention / care if exposed or interacted.

P370 + P378 In case of fire: Use foam, carbon dioxide, dry powder or water for extinction.

P403 + P235 Store in a well-ventilated place. Keep it cold.

P501 Dispose of contents / container according to national regulations.