

## SOLID EPOXY PAINT 180 – GLOSS EPOXY PAINT

### PRODUCT DESCRIPTION

**EPOXY PAINT 180** is a two-component, solvent-free epoxy resin based, top coat, glossy coating.

### TECHNICAL SPECIFICATIONS

|                          |                                         |
|--------------------------|-----------------------------------------|
| Appearance               | Full Glossy                             |
| Colour                   | Red-Gray (Desired Color)                |
| Intensity (gr/ml 20°C)   | 1,40 ± 0,05                             |
| Mixing Ratio (By Weight) | A Komp. 8,00unit<br>B Komp. 2,00 unit   |
| Solids by Weight (w/w)   | % 96 ± 2                                |
| Nozzle (inch)            | 0,019-0,023"                            |
| Application Method       | Airless Spray, Air Spray, Brush, Roller |
| Pot Life (20°C)          | 20-25min.                               |
| Full Curing (days/20°C)  | 4-6 days                                |



### INSTITUTION INFORMATION (100 mikron KFK)

|      | Touch Dry      | Hard Drying | Waiting Between Floors Durations (Minimum) |
|------|----------------|-------------|--------------------------------------------|
| -5°C | 12 hour        | 29-30 hour  | 24 hour                                    |
| 0°C  | 9 hour         | 20-21 hour  | 18 hour                                    |
| 5°C  | 6 hour         | 13-14 hour  | 12 hour                                    |
| 15°C | 120-160 minute | 5-6 hour    | 3,5 hour                                   |
| 25°C | 80-100 minute  | 3-4 hour    | 2 hour                                     |
| 35°C | 60-80 minute   | 1,5-2 hour  | 1,5 hour                                   |

**NOTE:** As the application thickness increases, the drying time also increases.

| CONSUMPTION<br>Wet film thickness<br>(μ) | Dry film thickness<br>(μ) | Theoretical Consumption<br>± 10 (gr/m²) |
|------------------------------------------|---------------------------|-----------------------------------------|
| 165                                      | 160                       | 230                                     |

**NOTE:** As the application thickness increases, the drying time increases..

## APPLICATION AREAS AND FEATURES

**EPOXY PAINT 180**, solvent-free epoxy topcoat

**EPOXY PAINT 180** Solvent-free epoxy topcoat with high mechanical strength and abrasion resistance, easy to clean, solvent-free epoxy topcoat used in factories, assembly workshops, warehouses, aircraft hangars, stores, car parks, food facilities, water tanks, hospitals, chemical and pharmaceutical industries, power plants, units where hygiene is required, plaster applied surfaces, all industrial areas.

It is a solvent-free type of epoxy topcoat paint group. Since it contains rust retarding pigments, its usage area is wide. Excellent physical and chemical resistance. It is a product that can be cured at low temperatures, has high performance in terms of anticorrosive properties, and can be used where fast coat-on-coat and drying time is required.

## USAGE MANUAL

### Surface Preparation

The application surface is carefully cleaned from dirt, oil and grease. Loose old paint (on previously painted surfaces) is removed. Rust and burrs on the surface are cleaned with a diamond-tipped machine according to SA 2 ½ norms, the application is made with a brush, roller or gun. A mask should be used for spraying applications. Very good ventilation is required especially in small, closed places.

### Product Usage :

Before using **EPOXY PAINT 180**, its components are thoroughly mixed separately. Then a homogenous mixture is made with its own hardener. If necessary, thin with REAL6561 Epoxy Thinner. To prevent condensation, apply only on a dry and clean surface with a temperature above the dew point. Paint temperature should be 20-35°C. Thinning may be required with very long spray hoses and paint temperatures lower than 15°C. This may lead to lower film thickness and longer drying time.

Application is done by brush, roller or spray gun. A mask should be used for spray applications. Very good ventilation should be provided especially in small and closed places.

## AMBIENT CONDITIONS

Ambient temperature should be between +5°C and 35°C. Do not apply when the relative humidity exceeds 80%. The surface temperature should be at least 3-5 °C above the dew point to prevent surface condensation.

It should be known that the consumption will increase in windy weather. The surface temperature should be at least - 5°C and at most 45°C.

## PACKAGING

One bucket of **EPOXY PAINT 180** Component A is 16.00 kg net.

One gallon of **EPOXY PAINT 180** Hardener Component B is 4.00 kg net.



#### SHELF LIFE

The material should be stored in its original packaging in a cool and dry place. The storage life of the material in unopened packaging is 12 months for component A and B.

#### HEALTH AND SAFETY INFORMATION

Read the MSDS form (Material Safety Data Sheet) for necessary safety rules and warnings. The minimum safety rules to be observed are as follows.

- Contact of the paint with skin and eyes should be prevented by using gloves, protective goggles, face mask, and industrial cream.
- Ensure adequate air circulation during application and until the paint dries.
- If paint comes into contact with skin, wash with warm water and soap or industrial cleaner. If splashed into eyes, rinse with water for at least 10 minutes and seek medical attention.
- Since such materials contain flammable components, they should be kept away from sparks and naked flames. Smoking should not be allowed in the area.
- All warning notices on the buckets must be read carefully and the recommended operating rules must be observed.

\*Our information about the products has been prepared on the basis of our own laboratory trials and researches under normal conditions. Our company is not responsible for studies under unsuitable application conditions. The right to change this information is reserved by our company. For more detailed information, please contact R.Y.K.

Rev. No:09/Rev.Date: October 2022

**Solid Epoxy Flooring Systems**  
287 Crooks Ave, Clifton, NJ 07011  
+1 (973) 449-3616  
solidepoxyfloor@gmail.com  
<https://solidepoxyflooring.com/>