

CODE: EP-369

**PRODUCT NAME:**

**Rescoflakes adhesive**

**DESCRIPTION:**

EP-369 is a two component 100 percent solids content, solvent-free epoxy based with glass flake.

Its excellent acid resistance, abrasion and chemical resistance properties make it suitable for the protection of primed, industrial and commercial warehouses, power plants and other locations where a heavy duty acid resistant is required.

EP-369 resists splash and spillage of a wide range of industrial chemicals and agents. EP-369 provides long term resistance to corrosion even under aggressive conditions. It is suitable for immersion in both salt and deionizer water and also diluted ox-acids at temperature up to 60 °C.

**TECHNICAL DATA:**

|  |   |
|--|---|
| Binder                                   | Epoxy polyamine                           |
| Pigment                                  | Glass flake                               |
| Finish                                   | Flat                                      |
| Shade                                    | Limited white                             |
| Specific gravity after mixing            | 1.7 ±0.05 Kg/Lit                          |
| Volume solid                             | 100 %                                     |
| Flash point                              | 80 °C                                     |
| Typical dry film thickness               | 1mm- 3 mm                                 |
| Number of coat                           | One                                       |
| Mixing ratio by weight                   | Base : 100 parts<br>Hardener : 12.5 parts |
| Substrate                                | Primed (EP-206 )                          |
| Application method                       | Hand apply                                |
| Theoretical spreading rate<br>( at 3 mm) | 0.3 M <sup>2</sup> /Lit                   |
| Cleaner                                  | T-C-200                                   |
| Packing                                  | Base : 4 kg<br>Hardener : 0.5 kg          |
| Shelf life                               | 6 Months                                  |

EP-369/1



## Drying Time

| Temp | Touch dry | Hard dry | Overcoating |     | Full cure |
|------|-----------|----------|-------------|-----|-----------|
|      |           |          | Min         | Max |           |
| 15°C | 9 hours   | 48 hours | 32 hours    | -   | 13 days   |
| 25°C | 6 hours   | 36 hours | 24 hours    | -   | 7 days    |
| 40°C | 4 hours   | 27 hours | 18 hours    | -   | 4 days    |

**Note:** Drying times are dependent on applied film thickness; all data in this catalogue are reported at recommended DFT.

## Pot life

| Temp. of paint | 15°C       | 25°C      | 40°C       |
|----------------|------------|-----------|------------|
| Pot life       | 70 minutes | 40minutes | 20 minutes |

## Surface Preparation

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO8504:1992.

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning

### Primed surfaces

EP-369 can be applied over approved primers. The primer surface should be dry and free from all contamination, and EP-369 must be applied within the overcoating intervals specified.

Surface preparation shall not take place in following conditions:

A-At temperature below 5 °C.

B-When the surface temperature is less than 3 °C above the dew point.

EP-369/2

## Application Method

Material is supplied in two containers as a unit. Always mix a complete unit in the proportion supplied. Once the unit has been mixed it must be used within the working Pot life specified.

1-Agitate part A with a power agitator.

2-Combined entire contents of curing agent (part B) With Base (Part A) and mix thoroughly with power agitator.

Product is also available in pre-measured units, eliminating the need for field measuring of components. Mix thoroughly for at least three minutes, scraping the container bottom and side to assure complete mixing. There is no induction or waiting time required after mixing before application.

Like all high performance coating, this product must be applied as recommended to obtain the maximum protection for which this coating is formulated.

- Pour EP-369 on the surface and spread using a flat trowel.

- Apply a minimum of 1-1.5 mm EP-369 normally provides a smooth, semi gloss finish after application.

- In hot climate, material temperature should be 20 to 25 °C prior to mixing; otherwise pot life becomes very short.

### ***-Do not thin for any reason***

- Paint shall not be applied when wind speed is in excess of 7 m/s when surface temperature is below 12°C.

- Do not apply this coating

## **HEALTH AND SAFETY:**

This product is Flammable. Keep away from heat and open flame .Keep container closed .Use with adequate ventilation. Avoid prolonged and repeated contact with skin. If used in confined areas, observe the following precautions to prevent hazards of fire or explosion or damage to the health:

1-Circulate adequate fresh air continuously during application and drying.

2-Use fresh air masks and explosion proof equipment.

3- Prohibit all flames, sparks, welding and smoking.

**EP-369/3**



Approved b

