

## SOLID ES 300 - EPOXY BASED ANTI-STATIC LACQUER

### PRODUCT DESCRIPTION

**SOLID ES 300**, Two-component, solvent antistatic  
varnish

### TECHNICAL SPECIFICATIONS

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Appearance               | Shiny                                                                                                                       |
| Colour                   | Transparent                                                                                                                 |
| Density (gr/ml 20°C)     | 1,00 ± 2 gr/cm <sup>3</sup>                                                                                                 |
| Mixing Ratio (By Weight) | A bucket.. 7,00 unit<br>B bucket.. 3,00 unit                                                                                |
| Solids by Weight (w/w)   | % 92 ± 2                                                                                                                    |
| Electrostatic Response   | ground resistance $R_g < 10^6$ ohm (IEC 61340-4-1)<br>Average ground resistance $10^4 \leq R_g \leq 10^6$ ohm IEC 61340-4-1 |
| Application Method       | Trowel, Brush, Roller                                                                                                       |
| Pot Life (20°C)          | 20-25 dk.                                                                                                                   |
| Full Curing (day/20°C)   | 1-7 days                                                                                                                    |



### DRYING INFORMATION (100 micron KFC

|      | 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 dak. | 5-6 hour    | 3,5 hour                                   |
| 25°C | 80-100 dak.  | 3-4 hour    | 2 hour                                     |
| 35°C | 60-80 dak.   | 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<br>consumption<br>± 10 (gr/m <sup>2</sup> ) |
|------------------------------------------|---------------------------|---------------------------------------------------------|
|                                          | 70                        | 80                                                      |

**NOT:** As the application thickness increases, the consumption also increases.

## APPLICATION AREAS AND FEATURES

**SOLID ES 300**, This floor coating system provides excellent adhesion to all coating systems. **SOLID ES 300**, areas of use;

It is used for priming epoxy flooring or pvc based floors to create conductivity on the floor.

## PACKAGING

Total 15 kg in two-component kits.

One bucket of SOLID ES 300 Component A is 10.50 kg net.

One bucket of SOLID ES 300 Hardener Component B is 4,50 kg net.

## USAGE MANUAL

### Surface Preparation

Dirt or detergent residues on the surface are cleaned with rotary head machines and the area is dried , then the application is started.

### Product Usage

SOLID ES 300 is an antistatic polish product used for areas / floors that have previously been epoxy or pvc on the floor and have lost their ESD properties by applying one or two coats to help them return to their first day performance.

Application method; It is applied by brush, roller or gun.

## AMBIENT CONDITIONS

Ambient temperature should be between +15°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 the application at low temperatures. Surface temperature should be at least +5°C and maximum 45°C.

#### **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 product 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 product 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 advice.
- 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. Please contact R.Y.K. for more detailed information.

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