

SOLID ES 351 - EPOXY BASED CONDUCTIVE PRIMER

PRODUCT DESCRIPTION

SOLID ES 351 - Two component, solvent-free epoxy resin based, conductive epoxy primer.

*TECHNICAL SPECIFICATIONS

Appearance	Mat
Colour	Black
Intensity (gr/ml 20°C)	1,40 ± 2 gr/cm ³
Mixing Ratio (By Weight)	A bucket. 7,50 Unit B bucket. 2,50 Unit
Solids by Weight (w/w)	% 92 ± 2
Electrostatic Response	ground resistance Rg < 10 ⁶ ohm (IEC 61340-4-1) Average ground resistance 10 ⁴ ≤ Rg ≤ 10 ⁶ ohm IEC 61340-4-1
Application Method	Trowel, Brush, Roller
Pot Life (20°C)	20-25 min.
Full Curing (day/20°C)	1-7 days



*DRYING INFORMATION (100 micron DFC)

	Touch Dry	Hard Drying	Waiting Times Between Floors (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 Wet Film Thickness (μ)	Dry Film Thickness (μ)	Theoretical Consumption ± 10 (kg/m ²)
250	225	350

NOTE: Consumption increases as application thickness increases.

APPLICATION AREAS AND FEATURES

SOLID ES 351, This floor coating system provides excellent adhesion to all coating systems. **SOLID ES 351**, areas of use;

It is used for priming epoxy reinforced concrete flooring or cement based screeds to create conductivity on the floor.

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.

USAGE MANUAL

Surface Preparation

Free particles and paint residues on the surface should be completely cleaned, fractures and cracks should be repaired, surfaces should be roughened mechanically (blastrak or milling) and cleaned from dust with a vacuum cleaner.

Product Usage

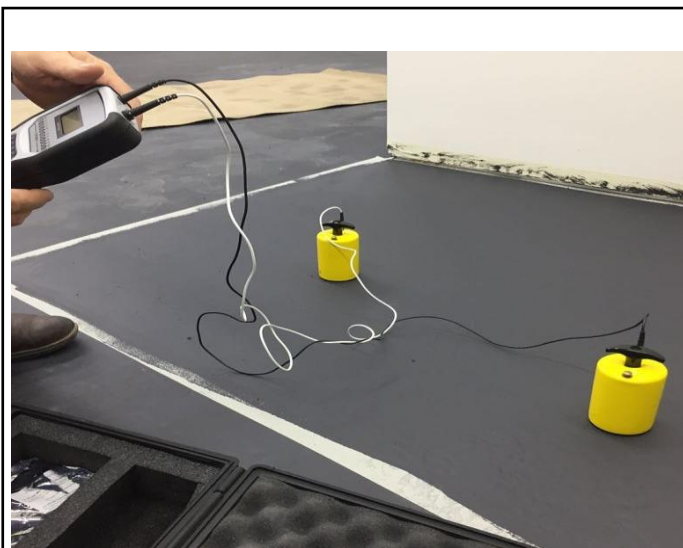
SOLID ES 351 is used as a conductive epoxy primer of the antistatic floor coating system on industrial floors, production and warehouses, in areas with sensitive electrical and electronic equipment and explosion risk.

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

PACKAGING

Total 20 kg in two-component kits.

One bucket of SOLID ES 351 Component A is 16 kg net. One bucket of SOLID ES 351 Hardener Component B is 4 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 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 is based on our own laboratory tests 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.

