

SOLID SC 352 - EPOXY BASED ANTI-STATIC COATING

PRODUCT DESCRIPTION

SOLID SC 352 is an epoxy resin based, solvent free, semi-glossy top coat coating product

TECHNICAL SPECIFICATIONS

Appearance	semi matte
Colour	In Ral Codes that do not affect conductivity
Intensity (gr/ml 20°C)	1,40 ± 0,05
Mixing Ratio (By Weight)	A bucket. 8,00 unit B bucket. 2,00 unit
Solids by Weight (w/w)	% 98 ± 2
Application Method	Trowel, Brush, Roller
Electrostatic Response	ground resistance $R_g < 10^6$ ohm (IEC 61340-4-1)
Pot Life (20°C)	20-25 min.
Full Curing (day/20°C)	4 -10 days



CORPORATION 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 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

CONSUMPTION Wet film thickness (μ)	Dry film thickness (μ)	Theoretical consumption ± 10 (kg/m²)
1142	1028	1,600

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

APPLICATION AREAS AND FEATURES

- SOLID SC 352, This floor covering system offers perfectly smooth surfaces in all colours.
- SOLID SC 352 areas of use; It is used as the carrier topcoat of the antistatic (ESD) floor coating system in industrial floors, hospitals, operating theatres, laboratories, production and warehouses, areas with sensitive electrical and electronic equipment and explosion risk.
- Electrostatic Response, Ground resistance $R_g < 106 \text{ ohm}$ (IEC 61340-4-1) Average ground resistance $104 \leq R_g \leq 106 \text{ ohm}$ (IEC 61340-4-1)
- There should be a distance of at least 50 cm between the conductivity measurement points on the ground.
- If there are points with insufficient results during the measurement, additional measurements should be made within 50 cm of these points.
- The results of conductivity test measurements of the ground ($< 35 \text{ M}\Omega$ (IEC 61340-4-1) are acceptable values in the measured area.

USAGE MANUAL

Surface Preparation, The surfaces to be applied must be free from oil, dust and dirt. Free parts on the surface, cement grout on concrete surfaces and parts that prevent adhesion should be cleaned.

SOLID SC 352 is thoroughly mixed separately before use. Then a homogenous mixture is made with its own hardener. To prevent condensation, it is applied only on a dry and clean surface with a temperature above the dew point. Product temperature should be 20-35°C.

The application method is 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.

PACKAGING

Total 20 kg in two-component kits.

One bucket of SOLID SC 352 Component A net 15,00 kg.

One bucket of SOLID SC 352 Hardener Component B is 5,00 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.
- All warning notices on the buckets must be read carefully and the recommended operating rules must be observed.

— EPOXY FLOORING SYSTEMS —
— High-Performance Floor Coatings —

*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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