



Product description: This coating is designed based on epoxy resin and polyamine hardener and with the properties of excellent mechanical and electrical resistance, excellent chemical resistance and high thermal resistance is used to create resistant floor coatings and is able to create a uniform, uniform surface with beautiful appearance in different environments.

Application: The above coating can be used in two parts with excellent adhesion, for all places that require a robust, hygienic and integrated coating such as airplane hangars, factories, hospitals, warehouse halls, etc.

Technical data:

Specification	Details	EN Standard	ASTM Standard
Color / Shade	colored	Visual / EN ISO 3668	D1535
Solids by Volume %	95 ± 3	EN ISO 3251	D2697
Solids by Weight %	92 ± 2	EN ISO 3251	D2369
Density / Specific Gravity	1.4 - 1.8 kg/lit	EN ISO 2811	D1475
Mixing Ratio (by Weight)	Depending on different shade	Internal Method	Internal Method
Shelf life	12 months		
Dry Film Thickness (DFT) μm	2500-3000 μ	EN ISO 2808	D7091
Wet Film Thickness (WFT) μm	2800-2400 μ	EN ISO 2808	D4414
Spreading Rate (Theoretical Coverage) m ² /L	0.3 - 0.4 m ² /lit	EN ISO 6504	D2697
Hardening mechanism	two-component chemical reactions	Technical Description	Technical Description
flashpoints	25° C	EN ISO 1523	D93

Temperature C° °F	Surface drying time (Clock)	Full cured	Pot life (Clock)
15 (59)	At least 9	12 - 24	2.5 - 3.5
25 (77)	7	10 - 24	1.5 - 2.5
40 (104)	5	7 - 24	1 - 2

Equipment Used:

Epoxy floor scraper

Bubble Roller for Epoxy Floor

EPOXY PAINTS- EPOXY MIDDLE FLOOR (I - 552)

Storage Conditions: This product should be in a closed space and away from direct rays .The temperature should be kept at 5 - 35 degrees .

Environmental Conditions: The surface temperature should be at least 3°C above the dew point. In hot climates, the temperature of the material before mixing should be 20-25°C, otherwise pot life will be very short. To ensure hardening of the coating, the air temperature and surface should be above 10°C.

Surface Preparation:

- The surface should be clean, dry and free of any contamination and be prepared in accordance with ISO 08504:1992 standard.
- In addition to observing the interval time, the broken and damaged parts should be prepared according to the standard of SA21/2 (ISO 8501-1:1988) and the primer surface should be repaired before the F552 coating.

Method of Applying:

- Scratch the surface and uniform the surface.
- If there are cracks and seams on the desired surface, fill the seams with epoxy putty and after hardening the putty and, if needed, the cracks part again.
- Clean the surface thoroughly and remove dust from it.4-Apply a silerapoxy layer (P552) uniformly on the surface.
- After one hour, apply epoxy coating on it.
- First, mix the A component completely and add the B-coating to the part A and mix slowly to create a uniform mixture. Pour the paint gently on the surface and uniform with a special epoxy sluice. Then remove the created bubble roller with the bubble roller in the level. (Avoid adding any solvent to the color)

Safety Tips: This product is water-based and not flammable. However, it is recommended that in case of contact with the skin, wash it with soap and large amounts of water, and in case of further skin sensitivity and irritation, see a doctor.

Considerations: The drying time depends on the film thick-ness applied, all the data in this catalog are based on the thickness of the dry film in vitro conditions.



LEGAL NOTES : The information contained in this Technical Data Sheet is based on laboratory testing and practical experience. Actual performance may vary depending on substrate condition, application method, and environmental conditions. Users should test suitability before large-scale application.

Head Office : Building No.15 , Qasimlu Street 40, Shahidan Zargata Quarter 24, Zone 1, Sulaymaniyah 46001, Iraq

Factory : Tanjaro Industrial Area – Sulaymaniyah – Iraq