



Product description:

1352 is a two-component coating based on epoxy poly-amide resin, which increases the adhesion of the final layer to the primer. 1352, together with a suitable final coating, is resistant to water spills, salt solutions, chemicals, petroleum derivatives, and systems immersed in water or salt solutions.

Application:

This coating (in one system) can be used to protect metal structures and machines, external surfaces of tanks and pipes, oil refineries.

Technical data:

Specification	Details	EN Standard	ASTM Standard
Color / Shade	White and Colored	Visual / EN ISO 3668	D1535
Solids by Volume %	60 ± 3	EN ISO 3251	D2697
Solids by Weight %	80 ± 2	EN ISO 3251	D2369
Density / Specific Gravity	1.3 - 1.6 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	3000-2500 μ	EN ISO 2808	D7091
Wet Film Thickness (WFT) μm	110 -120 μ	EN ISO 2808	D4414
Spreading Rate (Theoretical Coverage) m2/L	8.5 - 10 m2/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 Cure	Recoating time (hours)	Pot life (Clock)
59 (15)	4-5	minimum 9	24 -26	4
77 (25)	4-3	7	16 - 24	3
104 (40)	2	5	12 -16	1

Equipment Used:

AIRLESS SPRAY

Nozzle diameter: 0.015-.021 inches Output pressure: at least 112 times AIR SPRAY

Nozzle diameter: 1.8 - 2 mm Nozzle pressure: 2-4 times Brush: 30-40 μm (for staining) Roller: 30-40 μm (for staining)

EPOXY PAINTS- EPOXY INTERMEDIATE (I - 352)

Environmental Conditions: The temperature of the surface should be at least 3 degrees higher than the dew point. In hot weather, the temperature of the materials before mixing should be 20-25, otherwise the pot life will be very short. To ensure the hardening of the coating, the air and surface temperature should be above 10. This cover should not be implemented in areas where the weather changes or the wind speed exceeds 7 m/s.

Surface Preparation:

- The desired surface should be well clean, dry and free of any contamination and prepared according to ISO 08504: 1992 standard.
- While observing the Interval time of the bottom coating, the broken and damaged parts should be prepared according to the Sa21/2 standard (ISO 8501-1:1988) and the primer surface should be repaired before applying the 1352 coating.

Method of Applying:

- All equipment should be cleaned with recommended thinner before use.
- Part A should be mixed with a strong mixer.
- Add component B to component A and continue mixing for 5 minutes. Note: Due to the fact that the storage time of the mixture (Pot life) is limited, avoid mixing more than the required amount. Note: The best application time is 20-30 minutes after mixing the two components.
- For application with air spray, 5% thinner is recommended from 10-10% and for airless spray, 5% thinner is recommend-ed.
- Each painting pulse should be applied in parallel so that each pulse covers 50% of the painted surface with a right angle.
- To ensure the desired thickness, corners, sharp edges, rivets and uneven parts should be covered again.- If the application of the cycle exceeds the minimum interval time of this coating, the hardness of the surface must be taken into account for the adhesion of the next layers. Note: Before applying the cycle, if the surface has been exposed to a polluted environment, it should be cleaned with high pressure of wind or water and the surface should be completely dry.
- Wash all equipment immediately after use.

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.

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

Considerations: The available information is based on our technical knowledge and laboratory research, but since the conditions and methods of application are different and out of reach, we do not guarantee the results of it



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.

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