

DESCRIPTION

One-component alkyd semi-gloss weather-resistant anticorrosive enamel.

Possible modifications:

50-60% semi-gloss;
15% matte.

PRODUCT FEATURES

- When applied in two layers, it can be used as an independent coating;
- Zinc phosphate is used as an anticorrosive pigment;
- Is used as the top layer in alkyd systems;
- Good preservation of gloss and color when operating in a non-aggressive environment;
- Is recommended for steel structures and various types of machinery and equipment.

Mixing ratio		% in weight, g	% in volume, ml
Product	DTM 123	100	100
Fast hardener	Xylol, Thinner 3	10-30	15-45

Volume solids	50 ± 1%	Viscosity comp. A+B	One-component
Weight solids	55-70 %	Density	1,2 kg/l (+/- 0,1g)
Viscosity comp. A	80-160 sec	Pot life	One-component

DFT 50 mkm	+10 °C	+23 °C	+35 °C
Dust dry	30 min	20 min	10 min
Touch dry	5 h	3 h	1,5 h
Minimal drying between layer	15 min	5-7 min	5 min

Temperature drying: 60°C – 30 min.

The data are given at a relative humidity of 65%. If the humidity changes, the data may change.

Complete formation of the coating during natural drying – 7 days.

RECOMMENDATIONS FOR APPLICATION

- Is applied in 1-2 layers. Theoretical consumption without a thinner at DFT 35 mkm is 90 g/m².
- In order to obtain an even, non-porous finish at airless spraying the viscosity should be 50–60 s DIN4.
- For airless spraying, the product is thinned depending on the temperature of the components (base, hardener, thinner) and the required viscosity approximately 5–10%. Recommended nozzle tip is 0.011"–0.017" and pressure 120–160 bar. Spray angle shall be chosen according to the shape of the object.
- For conventional spraying, the product is thinned depending on the temperature of the components (base, hardener, thinner) and the required viscosity the paint approximately 20%. Working viscosity is 30-50 sec according to DIN4. Recommended nozzle tip is 1.6–1.8 mm and pressure 3–4 bar.
- For brush application product should be thinned according to the circumstances.

SHELF LIFE

12 months

SURFACE PREPARATION

All surfaces must be clean, dry and free from contamination. The temperature of the ambient air, surface and paint should not fall below +5°C during application and drying. Relative humidity of the air should not exceed 80% during application and drying. The surface temperature of steel should remain at least 3°C above the dew point. Good ventilation and sufficient air movement is required in confined areas during application and drying.

SAFETY MEASURED

Contains organic solvents. Perform painting work with local and general ventilation. Use rubber gloves to protect your hands, and personal protective equipment to protect your respiratory organs. Store the product in a tightly closed container. Keep away from sources of ignition, heat, sparks, open fire, static electricity. Do not smoke nearby. Use explosion-proof equipment, lighting, intrinsically safe tools. Extinguish by spraying water or using an air-mechanical foam and powders. In case of contact with the skin, wash the contaminated areas with soap and water, dry and lubricate with a fat-based cream.

For industrial and professional use only.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. As a manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.