

## DESCRIPTION

Clear acrylic polyurethane varnish. Aliphatic isocyanate is used as a hardener.

Possible modifications:

**90% glossy.**

## PRODUCT FEATURES

- Is applied on the primed surface;
- Forms a weather-resistant coating that can retain color and shine for a long period of operation;
- Suitable for use as a glossy topcoat in a system with epoxy and polyurethane primers;
- Recommended for painting vehicles, equipment, storage tank exteriors, steel frames and other steel structures, machinery;
- Forms a coating of increased chemical resistance.

## Mixing ratio

		% in weight, g	% in volume, ml
<b>Product</b>	Topcoat 161	100	100
<b>Quick hardener</b>	Hardener №3	35	40
<b>Slow hardener</b>	Hardener №1	35	40
<b>Thinner</b>	Thinner 1, 3	20-30	20-30

**Volume solids** 41 ± 1%

**Viscosity comp. A+B** 40-90 sec

**Weight solids** 42-46 %

**Density A+B** 1,0-1,2 kg/l

**Viscosity comp. A** 90 - 180 sec

**Pot life** 2 h

DFT 50 mkm	+10 °C	+23 °C	+35 °C
<b>Dust dry</b>	30 min	20 min	10 min
<b>Touch dry</b>	6 h	4 h	2 h
<b>Minimal drying between layers</b>	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 2 layers. Theoretical consumption without a thinner at DFT 30 mkm is 60 g/m<sup>2</sup>.
- For conventional spraying, the product is thinned depending on the temperature of the components (base, hardener, thinner) and the required viscosity the paint approximately 30%. Working viscosity is 21-25 sec according to DIN4. Recommended nozzle tip is 1.3–1.6 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.