

REORAPID

Data Sheet 944 / Version 11 / 04.2024

General description

Product	REORAPID is a synthetic reinforced resin varnish with good light and weather resistance. It was developed for the coating of agricultural and construction machinery and is characterized by its fast drying and good application properties.
Resin	Alkyd resin/polymer resin
Pigmentation	Organic and inorganic pigments
Usage	Construction machinery, agricultural machinery, metalworking shops, industrial paint plants
Properties	<ul style="list-style-type: none">– Universal use– Good light and weather-proof properties– Very easy processing– High surface hardness– Quick drying
Degree of gloss	Gloss (art. 14565), silk gloss (art. 14566), silk matt (art. 14567)
Colors shade	RAL, NCS S, according to pattern
Container	1 kg, 5 kg, 10 kg, 20 kg
Storage	Store in a cool, dry location in well sealed containers. Pay attention to "Use by" date on label.

Processing notes

Thinning	10 – 30% KH thinner 501 (art. 10514) or universal thinner 5119 (art. 10516). For ESTA application it is absolutely necessary to use ESTA thinner 3610 (art. 13610). The use of other thinners may lead to impaired results and reduced quality.		
Application	Conventional spraying, ESTA		
Air - drying	Touch-dry: approx. 45 min Max. recoat time: approx. 16 hrs	Tack-free: approx. 5 hrs	Dry-to-handle: approx. 6 hrs Load-bearing: approx. 3 days
Forced drying	Flashing off: approx. 45 min Drying: approx. 60 min at 60°C (high yellowing risk by high temperature)		
Dry coating thickness	30 - 60 µm		
Consumption	Theoretical: 100 g/m ² with 45 µm dry film Practical: 150 g/m ²		
EU Directive 2004/42/EG	This product does not meet the VOC limit values of Directive 2004/42/EG, and must not be used in corresponding applications.		
Processing temperature	Not less than +5°C. In order to prevent the build-up of condensation during coating, the surface temperature must be at least 3°C above the dew point.		
Cleaning of equipment	Immediately after use with universal thinner 5119 (art. 10516).		
Special notes	DIN EN ISO 12944 is a binding requirement as regards anticorrosion protection.		

Recommended method

Substrate	Steel, aluminium, zinc (always pre-coated)
Pre-treatment	The substrate must be clean, dry, and free from grease, oil and dust. Welded locations must be thoroughly cleaned and any weld scale removed. Thoroughly degrease, abrade, as required and media blast to Sa 2.5 according to ISO 8501-1, sweep, phosphatize, chromatize.
Primers	– ECOVERN Primer – REAKTIONSGRUND – SYNTOPRIMER

Technical details

Density	Approx. 1.00 – 1.20 g/cm ³	
Solids	Approx. 60 – 62% weight	Approx. 44 – 47% volume
Flashpoint	REORAPID	> 21°C

Safety data

Safety measures	Refer to the indications on the labels and safety data sheets. The requirements of the SUVA, the Council for accident prevention, have to be respected. Contains flammable solvents and must be kept away from sources of ignition.
Waste disposal	Opened containers, residues or expired material can be brought in particular collection points. The legal guidelines DETEC on the list of waste transport (LVA) in Switzerland, and the European Waste Catalogue (EWC), must be observed.
KABE Recycling	Empty containers and old paints can be returned to KABE in Gossau. Ask for our detailed information brochures.
General information	<p>The information on this technical data sheet relative to the properties and application of the product concerned are made on hand of our knowledge, development and practical experience. Because of the multiple possible applications, it is impossible for us to present them all in detail. Our technical consultants are at your disposal for any question you might have. Furthermore, our general sales and delivery conditions apply.</p> <p>This technical data sheet is revised periodically. If necessary, our sales department will confirm the validity of this document.</p>