

POLYAMOL Decklack

Data Sheet 1584 / Version 11 / 11.2022

2 : 1 EP curing agent gloss 3271 | interior
1 : 1 EP curing agent silk gloss 3276 | interior
1 : 1 EP curing agent silk mat 3281 | interior

General description

Product	POLYAMOL Decklack is a 2-component epoxy resin finish and was developed for high quality coating of machinery and equipment indoors.
Resin	Epoxid / Polyaminoamide
Pigmentation	Organic and inorganic pigments
Usage	Machine construction, plant construction, industrial paint plants
Properties	<ul style="list-style-type: none">– Low solvent content– High chemical resistance– Not weather resistant– High endurance quality
Degree of gloss	Gloss (art. 10487), silk gloss (art. 10485), silk mat (art. 10483)
Colors shade	RAL, NCS S, according to pattern
Container	1 kg, 5 kg, 10 kg, 20 kg, 250 kg
Storage	Store in a cool, dry location in well sealed containers. Pay attention to "use by" date on label.

Processing notes

Mixing rate	by weight: 2 : 1 with EP curing agent gloss 3271 (art. 10486) 1 : 1 with EP curing agent silk gloss 3276 (art. 10781) 1 : 1 with EP curing agent silk mat 3281 (art. 10780)
Thinning	10 – 30% EP thinner 5702 (art. 10522). For application with paintbrush or roll use 5 - 10% paint retarder 2007 (art. 10845). The use of other thinners may lead to impaired results and reduced quality.
Pot life	Approx. 12 hrs
Application	High pressure (flow or suction cup, pressure tank, pneumatic pump), suitable for ESTA, paintbrush or roll
Air-drying	Touch-dry: approx. 1 hrs Tack-free: approx. 4 hrs Dry-to-handle: approx. 8 hrs Max. recoat time: approx. 8 hrs Load-bearing: approx. 5 days
Forced drying	Flashing off: approx. 30 min Drying: approx. 60 min at 60°C
Dry coating thickness	60 – 120 µm
Consumption	Theoretical: 190 g/m ² with 60 µm dry film Practical: 280 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
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 2½, according to ISO 8501 resp. DIN 55 928, sweep, phosphatize, chromatize.
Primers	– REAKTIONSGRUND – POLYAMOL Primer Plus – KABEDUR Grundierfüller – SYNTOPRIMER – KABEDUR Woodfiller (interior)

Technical details

Density	Approx. 1.20 – 1.40 g/cm ³
Solids	Approx. 70 – 72% weight approx. 55 – 57% volume
Flashpoint	POLYAMOL Decklack > 21°C EP curing agent gloss 3271 > 21°C EP curing agent silk gloss 3276 > 21°C EP curing agent silk mat 3281 > 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	The information in this data sheet on the properties and application of the products mentioned is given to the best of our knowledge based on our development work and practical experience. Due to the versatility of the application possibilities, it is not possible to present all details. In case of doubt, our application engineers are available for information. In all other respects, the general conditions of sale and delivery apply. This leaflet is revised periodically. In case of doubt, our sales department will inform you about the validity of this document.

