

POLYAMOL Duozink VS

10 : 1 EP curing agent 3010

Data Sheet 2333 / Version 06 / 04.2024

General description

Product	POLYAMOL Duozink VS is a an economical 2K EP Zinc dust riner and was developed to achieve good corrosion protection at low cost.
Resin	Epoxid/Polyaminoamid
Pigmentation	Pure metallic zinc dust, special filling materials
Usage	Steel construction, anticorrosion protection, industriel paint plants
Properties	<ul style="list-style-type: none">– Very good corrosion protection properties– Fast curing also in thick coats– High solids content– Fast drying– Easy to apply
Degree of gloss	Matt (art. 11375)
Colors shade	Grey
Container	8 kg, 20 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:	10 : 1 with EP curing agent 3010 (art. 11121)
Thinning	10 – 20% EP thinner 5702 (art. 10522); The use of other thinners may lead to impaired results and reduced quality.	
Pot life	Approx. 12 hrs	
Application	Conventional spraying, Airmix, Airless	
Air - drying	Touch-dry: approx. 30 min Tack-free: approx. 60 min Load-bearing: approx. 5 days Recoat time: approx. 12 hrs Dry-to-handle: approx. 2 hrs	
Forced drying	Flashing off: approx. 30 min Drying: approx. 45 min at 60°C or approx. 30 min at 80°C	
Dry coating thickness	40 - 80 µm	
Consumption	Theoretical: 260 g/m ² with 60 µm dry film Practical: 380 g/m ²	
EU Directive 2004/42/EG	VOC limit values	Cat. A/II 2010: 500 g/l This products contains max. 499 g/l
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
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, media blast to Sa 2.5 according to ISO 8501-1/DIN 55 928.
Intermediate layer	<ul style="list-style-type: none"> – POLYAMOL Primer Plus – POLYAMOL Eisenglimmer
Topcoat	<ul style="list-style-type: none"> – KABEDUR Topcoats – POLYAMOL Topcoats (interior only)

Technical details

Density	Approx. 2.10 – 2.20 g/cm ³	
Solids	Approx. 80 – 82% weight	Approx. 50 – 52% volume
Flashpoint	POLYAMOL DuoZink VS	> 21°C
	EP curing agent 3010	> 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 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.

This technical data sheet is revised periodically. If necessary, our sales department will confirm the validity of this document.