

# POLYAMOL Eisenglimmer

## 5 : 1 EP curing agent 3100 | interior

Data Sheet 1615 / Version 13 / 11.2022

### General description

Product	POLYAMOL Eisenglimmer is a 2-component epoxy intermediate coating and was developed for the high corrosion protection, to attain the corrosivity class C5 with duration of protection level „high“ according to DIN 12944.
Resin	Epoxid / Polyaminoamide
Pigmentation	Iron mica, organic and inorganic pigments
Usage	Steel construction, metal construction, plant construction, machine construction, job coating plant
Properties	<ul style="list-style-type: none"><li>– Very good corrosion protection properties and barrier effect</li><li>– Fast curing also in thick coats</li><li>– Low solvent content</li><li>– High endurance quality</li></ul>
Degree of gloss	Matt
Colors shade	Grey (art. 11708)
Container	5 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: 5 : 1 with EP curing agent 3100 (art. 11709)
Thinning	10 – 30% EP thinner 5702 (art. 10522). For application with paintbrush or roll use 5 – 10% retarder 2007 (art. 10845).  The use of other thinners may lead to impaired results and reduced quality.
Pot life	Approx. 8 hrs
Application	Maximum pressure without air support (Airless), maximum pressure with air support (Airmix), high pressure (flow or suction cup, pressure tank, pneumatic pump), paintbrush or roll
Air-drying	Touch-dry: approx. 60 min    Tack-free: approx. 4 hrs    dry-to-handle: approx. 8 hrs Recoat: approx. 8 hrs    Load-bearing: approx. 5 days
Forced drying	Flashing off: approx. 45 min Drying: approx. 90 min at 60°C or approx. 60 min at 80°C
Dry coating thickness	60 – 120 µm
Consumption	Theoretical: 190 g/m <sup>2</sup> with 60 µm dry film Practical: 270 g/m <sup>2</sup>
EU Directive 2004/42/EG	Valeur limite VOC    category A / i 2010: 500 g/l This product contains maximum: 450 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, 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, irradiate to Sa 2½, according to ISO 8501 resp. DIN 55 928, sweep, phosphatize, chromatize.
Primer	– POLYAMOL Primer Plus
Topcoats	– KABEDUR Topcoats – POLYAMOL Topcoats (interior only)

#### Technical details

Density	Approx. 1.85 – 1.95 g/cm <sup>3</sup>
Solids	Approx. 80 – 82% weight    approx. 55 – 57% volume
Flashpoint	POLYAMOL Eisenglimmer    > 21°C EP curing agent 3100        > 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.