ROSNER
professional wood coatings

EIKO

Technical Information

Characteristics: One-component-acid-hardening-lacquer based on oil modified, saturated polyester (Alkyd resins) combined with urea resins.
A perfect result can only be achieved by carrying out the following instructions.

Area of application: Suitable to finish economically woods used for furniture and interior fittings.

Substrates: Dry, clean, resin-free wood and if it was stained, perfectly dry and clean surfaces.

Processing: **Eiko** is applied by spraying (gravity spray gun, Airless, Airmix).

Application:	**Airless**	**Airmix**	**gravity spray gun**
Spray pressure:	60 - 80 bar	50 - 60 bar	----
Air pressure:	----	1.5 - 2 bar	2.5 – 3.5 bar
Nozzle size:	0.22 – 0.33 mm	0.22 – 0.33 mm	1.8 – 2.0 mm

Depending on the spray gun in use deviations concerning spray pressure, air pressure and nozzle size can occur.
Unsuitable for rolling and brushing. The product has to be adjusted when applying by curtain coater.

Dilution: **Eiko** is ready for use. Depending on the application mode and requirements it is possible to thin with **Verdünnung Nr. 2.**

Spreading rate: Applied quantity: 120-140 ml/ m^2.
Approx. 7-8 m^2/l per layer, depending on absorptivity of wood and application method.

Drying time: Depending on application method and applied quantity at room temperature (20°C/65% relative air humidity):
- set to touch after 30 minutes.
- sandable and recoatable after 1-2 hours.

Primer and topcoat: **Eiko** can be used as primer as well as topcoat. There is no need to apply special primer. If the surfaces are expected to be exposed to higher strain we recommend applying a third layer of **Eiko** after an intermediate sanding.
Eiko tiefmatt (dull matt) is only used as topcoat. Therefore it is important that the priming coat has a higher gloss level (1-45). It is necessary to insulate heavily bleeding (sap or tannin) exotic woods with a two-component lacquer or to use a complete paint system of DD or PU paints.

Cleaning of tools: **Waschlöser Nr. 52** and **PUG P**insel- **u. G**erätereiniger.

Storage: **Eiko** can be stored at least 20 months in unopened original container.
Frequent opening and partial withdrawal may cause a rise of viscosity.

Please turn over!

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Special remarks:

Eiko can be tinted with our pigment pastes **RoCryl Color Farbkonzentrate** up to at most 20%.

Tested according to:
DIN 53160-1/-2: Resistant to saliva and perspiration.
DIN EN 71-3: Safety of toys (migration of heavy metal).

Please consider:

The product and the recommendations in this technical data sheet correspond to today's state of the art. Our oral and written application recommendations, that are based on years of experience and provided to the best of knowledge, are non-committal and do not establish a contractual relationship and secondary obligation of the sales contract. They do not release the user from his obligation to verify on his own responsibility the existing substrate and the suitability of our products for the intended purpose. In case of doubt, suitability and spreading rate are to be tested by creating a sample. If our products are combined or intermixed with third-party products we cannot guarantee a perfect surface finish. Our general terms and conditions apply.

This technical data sheet replaces all previous versions.

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