# MiraCryl A

## Technical data sheet

**Characteristics:** Colourless, hardwearing drying 2-component paint based on polyacrylate resin with fast drying, good sandability and very good lightfastness.
A perfect result can only be achieved by carrying out the following instructions.

**Application area:** For a durable refinement of woods used for furniture and interior fittings. Especially suitable for colourless coating of pigmented paints and other lightfast substrates. Typical applications are e.g. the painting of doors, benches, restaurant furnishings, bedroom and living room furniture. **MiraCryl A** is used to create surfaces with open or semi-closed pores.

**Substrates:** Dry, clean, resin-free wood and, if stained, perfectly dry and clean surfaces. The substrate must be solid.

**Hardener:** **DuoCryl Härter**

**Mixing ratio:** **10** parts lacquer : **1** part hardener by weight or by volume

**Pot life:** Max. 8 hours at 20°C/65% relative humidity.
Exceeding the pot life may cause surface defects.
Attention: Higher material and ambient temperatures reduce the pot life.

**Application:** **MiraCryl A** is applied by spraying (air, Airless, Airmix).

| Application method: | **Airless** | **Airmix** | **Gravity spray gun** |
|---|---|---|---|
| Spray pressure: | 80 - 140 bar | 60 - 100 bar | ---- |
| Air pressure: | ---- | 1,0 - 1,5 bar | 2,5 - 3,0 bar |
| Nozzle size: | 0,23 - 0,28 mm | 0,23 - 0,28 mm | 1,8 - 2,0 mm |
| Application viscosity: | approx. 25 - 30 s/4mm | approx. 25 - 30 s/4mm | approx. 25 - 30 s/4mm |

Depending on the spraying device used, deviations regarding spraying pressure, air pressure and nozzle size are possible.
The application temperature should not fall below +18°C; this also applies to the substrate.

**Dilution:** **MiraCryl A** is ready for use, but can be thinned with up to 10% **DD-Verdünnung Nr. 20**, if necessary.
**DD-Verdünnung Nr. 25 lang (Verzögerer)** (max. 5%) can be used to retard the drying time. **DD-Verdünnung Nr. 15 kurz** (max. 10%) can be used to accelerate the drying time.

**Spreading rate:** Applied quantity: approx. 130-150 ml/m² and operation,
Approx. 6-8 m²/l per layer depending on the absorptivity of the wood and the application method.

**Drying time:** Depending on the application method and the quantity applied at room temperature (20°C/65% relative humidity):
- set to touch after 1 hour.
- sandable and recoatable after 3 -4 hours.

Please turn over!

ROSNER professional wood coatings
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**Primer and finishes:** **MiraCryl A** is used as primer as well as topcoat.

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

**Storage:** **MiraCryl A** can be stored in unopened original containers for 3 years, the hardener for 2 years.

**Special notes:** Even if the surfaces treated with **MiraCryl A** are dry and stackable after a short time, the required chemical and mechanical resistance is only achieved after a drying time of 5-7 days (20°C/65% relative humidity).

Surfaces coated with **MiraCryl A** more than 1 day ago must be sanded before recoating in order to achieve perfect intercoat adhesion.

Tested according to:
**DIN EN 71-3:** safety of toys (migration of certain elements).

**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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