RoCryl Flex Color

Technical Information

Characteristics: High-quality, ring-resistant 2K polyurethane multilayer lacquer with high solid content to coat stressed parts and furniture in bathrooms, kitchens and offices. Excellent resistant to mechanical stress and chemical agents. The **RoCryl Flex Color** consists of a colourless base lacquer or a white base lacquer and a total of 17 **RoCryl Color Farbkonzentraten**. Never add more than 25% of **RoCryl Color Farbkonzentrate** to base lacquer or 10% to white base lacquer.
A perfect result can only be achieved by carrying out the following instructions

Area of application: **RoCryl Flex Color** is applied as primer and finish coat for high-quality and durable colour refinements of wood that are used for furniture in kitchens, offices, schools and living spaces. **RoCryl Flex Color** allows coatings similar to rubbing varnish on closed substrates surfaces.

Substrates: Suitable substrates are either MDF or with primer or lacquer foil coated MDF and chip boards. Blockboards, veneers and solid woods can also be coated. Solid wood edge bands are unsuitable because they tend to stress cracks due to their large shrinking ability.
Attention: In case of content-rich woods it is recommended to make a test application.

Hardener: **DD-Härter 45**

Mixing ratio: 2 units **RoCryl Flex Color :** 1 unit **DD-Härter 45** by weight or by volume.

Pot life: Approx. 2 hours at 20°C/65% relative air humidity.
Attention: The pot life is reduced by higher temperatures of object and ambiance.

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

Application:	**Gravity spray gun**	**Airless**	**Airmix**
Spray pressure:	----	120 - 150 bar	90 - 120 bar
Air pressure:	2.0 - 3.5 bar	----	1.0 - 2.5 bar
Nozzle size:	1.4 - 1.8 mm	0.22 - 0.28 mm	0.22 - 0.28 mm
Spray viscosity:	30 - 35 s/4 mm	30 - 35 s/4 mm	30 - 35 s/4 mm

Depending on the spray gun in use, deviations concerning spray pressure, air pressure and nozzle size may occur. The temperature for application should not fall below +15°C. This also applies to the substrate as otherwise no sufficient film formation can be guaranteed. Not suitable for rolling, brushing and flow application.

Dilution: Depending on the processing method it can be thinned with **DD-Verdünnung Nr. 20**. **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.
To create high-gloss surfaces use exclusively **DD-Verdünnung Nr. 25 lang (Verzögerer)** to thin the mixture of paint and hardener.

Spreading rate: Applied quantity: Approx. 110-170 ml/ m^2.
Approx. 8-9 m^2/l per layer.

Please turn over!

ROSNER professional wood coatings
A trademark of
MIPA SE
Am Oberen Moos 1
D-84051 Essenbach
Tel.: +49 8703 92 20
Fax: +49 8703 92 21 00
E-Mail: info@rosner-coatings.com
www.rosner-coatings.com

RoCryl Flex Color

Technical Information

Colour: The paint is tintable according to RAL, NCS, Sikkens and other shade cards.

Drying time: Depending on the application mode and the applied quantity at room temperature: (20°C/65% relative air humidity):
- dust dry after approx. 15 minutes.
- set to touch after approx. 45 minutes.
- sandable after approx. 2-3 hours.

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

Storage: **RoCryl Flex Color** can be stored at least 3 years in unopened original container and the hardener at least 2 years.

Special remarks: **DIN 4102-1** (examination of fire behaviour regarding Baustoffklasse B1): low flammability on chipboards - also veneered - regarding fire behaviour classification
DIN 4102-B1 (in combination with **Rosner DD-Härter 45**)
DIN 53160-1/-2: Saliva and perspiration resistance.
DIN 68861-1 (Behaviour at chemical influence): Stress group: 1B.

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.

Edited 03/26

A trademark of
MIPA SE
Am Oberen Moos 1
D-84051 Essenbach

Tel.: +49 8703 92 20
Fax: +49 8703 92 21 00

E-Mail: info@rosner-coatings.com
www.rosner-coatings.com