



# RoCryl Flex Color ringfest

## Technical Information

**Characteristics:** High-quality 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. **RoCryl Flex Color ringfest** consists of a colourless base lacquer and 17 tinters. The maximum amount of tinters that can be added to the base lacquer must not exceed 25%.  
A perfect result can only be achieved by carrying out the following instructions

**Area of application:** **RoCryl Flex Color ringfest** 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 ringfest** 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 chipboards. 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:** **Rosner DD-Härter 45**

**Mixing ratio:** 2 units **lacquer** : 1 unit **Roshardener** 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:** **Rosner RoCryl Flex Color ringfest** is applied by spraying (gravity spray gun, Airless, Air-mix).

Application:	gravityspray 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** can be used to retard the drying time.  
To create high-gloss surfaces use exclusively **DD-Verdünnung Nr. 25** to thin the mixture of paint and hardener.

**Spreading rate:** Applied quantity: Approx. 110-170 ml/ m<sup>2</sup>.  
Approx. 8-9 m<sup>2</sup>/l per layer.

Please turn over!



**ROSNER**  
professional wood coatings

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- Colour:** The paint is tintable according to RAL, NCS, Sikkens and other shade cards.
- Gloss level:** High gloss, 3 = satin gloss, 45 = matt
- 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 Pinsel- u. Gerätereiniger**.
- Storage:** **Rosner RoCryl Flex Color ringfest** 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.
- 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 inter-mixed 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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