



Rocket

Technical Information

Characteristics: **Rosner Rocket** is a brilliant, high-gloss and fast drying 2K multi-layer PUR-based clearcoat that provides highest filling power and brilliant depth effect. Polishable and buffable. A perfect result can only be achieved by carrying out the following instructions.

Area of application: Particularly suitable for high-quality refinement of woods used in upscale furniture construction and interior fitting. **Rosner Rocket** generates closed-pored surfaces.

Substrates: Depending on the desired surface effect this product is suitable for an application on stained and colour coated surfaces. Dry, clean, resin-free wood and if it has been stained, perfectly dry and cleaned surfaces. The substrate must be solid.

Hardener: **Rosner Rocket Härter**

Mixing ratio: 1 unit lacquer : 1 unit hardener by weight or by volume

Pot life: Approx. 15-20 min at 20°C/65 % relative air humidity.
Attention: The pot life and the curing depend on the prevalent air humidity. Higher temperatures of material and ambience reduce the pot life. The viscosity can increase when exceeding the pot life. This may cause surface defects.

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

Application method:	Airless	Airmix	gravity spray gun
Spray pressure:	120 - 150 bar	60 - 80 bar	----
Air pressure:	----	1.5 – 2.0 bar	2.1 – 3.0 bar
Nozzle size:	0.22 – 0.28 mm	0.22 – 0.28 mm	1.2 – 1.4 mm
Spray viscosity:	approx. 17 - 25 s/4 mm	approx. 17 - 25 s/4 mm	approx. 17 - 25 s/4 mm

Depending on the used spray gun, deviations concerning spray pressure, air pressure and nozzle size can occur. The temperature for application should not fall below +18°C. This also applies to the substrate.

Dilution: Depending on application technique and needs it's possible to thin by adding up to 100% of **DD-Verdünnung Nr. 20**. In case of highly absorbent substrates add 30-50% of the thinner, otherwise 0-20%.

Spreading rate: Applied quantity: Approx. 130-160 ml/m² per layer.
Approx. 6-8 m²/l per layer depending on absorptivity of the wood and application method.

Drying time: Depending on the application method, quantity of thinner and the applied quantity at room temperature (20°C/65% relative air humidity):
- dust dry after approx. 10-15 minutes.
- set to touch after approx. 30-45 minutes.
- sandable and recoatable after approx. 1-2 hours
- polishable after approx. 1-2 hours

Please turn over!



ROSNER
professional wood coatings

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- Gloss level:** High-gloss
- Cleaning of tools:** **Waschlöser Nr. 52** and **PUG Pinsel- u. Gerätereiniger**.
- Storage:** **Rosner Rocket** and the hardener **Rosner Rocket Härter** can be stored 2 years in their unopened original containers.
- Special remarks:** Even if surfaces treated with **Rosner Rocket** are dry and stackable after a short time, the required chemical and mechanical resistance is only achieved after a curing time of 5-7 days (20°C/65% relative humidity).
The quality of the high-gloss surface depends to a great extent on the quality of preliminary work and spray technique. Mistakes, which have been made already during priming, e.g. little bubbles or too coarse sanding paper, won't be concealed, but emphasized by the high-gloss clearcoat.
In order to overcoat marquetry or non-ferrous metals like beaten gold it's necessary to check beforehand the adhesion.
For deco paint applications use **Rosner Rocket** in combination with **Rosner Rocket Härter** and **DD-Verdünnung Nr. 20** (addition 10%) (cat. A/e: 400 g/l; VOC-content when ready to use < 340 g/l).

Tested according to:

DIN 68861-1 (behaviour at chemical influence): Stress group: 1B.

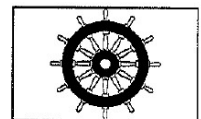
DIN 4102-1 (test to determine the fire behaviour to prove the classification B1): Difficult to ignite on chipboards – even with veneer – with fire behaviour **DIN 4102-B1** (in combination with Rosner Rocket hardener).

DIN EN 13501-1: Classification of fire behaviour C – s1, d0 in combination with **Rosner Iso-lieferfüller Rapid**.

DIN 53160-1/-2: Saliva and perspiration resistance.

DIN EN 71-3: Safety of toys (Migration of heavy metals).

Rosner Rocket Marine (application according to EC-Type Examination Certificate) is certified as marine coating of low flammability according to *SOLAS 74/88 Reg. II-2/3, II-2/5, II-2/6 and II-2/9, latest edition, IMO MSC.36(63)-(1994 HSC-Code) 7, IMO MSC.97(73)-(2000 HSC-Code) 7, IMO MSC/circ. 1120.*



0736 / 2022

EC-Type Examination Certificate: approval no. 116.463

U.S. Coast Guard approval no. 164.112/EC0736/116.463

Important: **Rosner Rocket Marine** can be combined only with other approved and technically suitable products!

This product is sold according to Marine Equipment Directive 2014/90/EU.

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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 01/22