



1K-Multisiegel

Technical information

Characteristics: Solvent-based, aromatic-free, colourless 1K multi-layer varnish for parquet, floors, stairs and furniture made of hard and soft wood for interior and exterior use. Excellent adhesion with easy sandability and high stability, scratch-resistant, light-resistant, good water and alcohol resistance.

A perfect result can only be achieved if the following instructions are followed.

Application area: Suitable for sealing parquet, floors and wood in stair construction. Also suitable for finishing wood in furniture and interior design.

Substrates: Dry, clean, resin-free and sanded wood. If stained, ensure surfaces are completely dry and clean.

Application: **1K-Multisiegel** can be applied by rolling, brushing or spraying (air, airless, airmix).

Coating structure A - Brushing or rolling

Apply 1-2 coats of **1K Multisiegel** by brushing or rolling (application quantity approx. 120 ml/sqm per coat). Allow approx. 6-8 hours drying time after the base coat. After a drying time of more than 24 hours, intermediate sanding with 100-120 grit sandpaper is necessary before applying the top coat.

Coating structure B – spray method

Application method:	Airless	Airmix	Gravity spray gun
Spray pressure:	60 - 80 bar	50 - 60 bar	----
Air pressure:	----	1,0 - 1,5 bar	2,5 - 3,5 bar
Nozzle size:	0,22 - 0,33 mm	0,22 - 0,33 mm	1,8 - 2,0 mm
Application-viscosity:	ca. 35 - 40 s/4 mm	ca. 35 - 40 s/4 mm	ca. 35 - 40 s/4 mm

Depending on the sprayer used, deviations in spray pressure, air pressure and nozzle size are possible.

The processing temperature should not fall below +15°C; this also applies to the substrate, as otherwise sufficient film formation can no longer be guaranteed.

1K-Multisiegel is applied 1-2 times with intermediate sanding using 220-320 grit sandpaper.

Dilution: **1K-Multisiegel** is ready to use; if necessary, it can be thinned with **Rosner DD-Verdünnung Nr. 20**.

Spreading rate: Application quantity: approx. 100-120 ml/m²
Approx. 8–10 qm/l per coat (depending on the absorbency of the wood and the type of application).

Please turn over!

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- Drying time:** At 20°C room temperature and max. 65% relative humidity:
- Dust dry after approx. 30 minutes.
- Can be painted over after approx. 6-8 hours.
- Is sandable after approx. 24 hours.
- Primer and coatings:** **1K-Multisiegel** is used as a base coat and topcoat.
- Cleaning of tools:** Wash equipment with **Rosner DD-Verdünnung Nr. 20** immediately after use. Dried material can be removed with **Waschlöser Nr. 52**.
- Storage:** **1K-Multisiegel** has 2 years of storage in its original sealed container.
- Special notes:** Even though surfaces coated with **1K-Multisiegel** are dry and stackable after a short time, the required chemical and mechanical resistance is only achieved after a curing time of 5 to 7 days (20°C/65% rh).

For Decopaint-compliant applications, **1K-Multisiegel** can be used undiluted (Cat. A/i: 500 g/l; VOC in application form < 500 g/l).
- Please consider:** The product and the recommendations in this technical data sheet correspond to today's state of the art. Our written and verbal recommendations for application, which we provide to the best of our knowledge based on our experience, are non-binding and do not establish any contractual legal relationship or ancillary obligations arising from the purchase contract. They do not release the processor from their obligation to check the existing substrate and the suitability of our products for the intended use on their own responsibility. In case of doubt, suitability and consumption quantities must be checked by creating a sample area. When mixing third-party products with our products, or when applying them together with third-party products, we cannot assume any guarantee obligation for the flawless finish of the surface texture of the area. When applying our products, the German Construction Contract Procedures (VOB) must be observed. Our general terms and conditions of delivery and payment apply.

This information sheet supersedes all previous versions.

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