



HydRo Möbellack Plus 1K/2K

Technical data sheet

Characteristics: Colourless, waterborne 1K or 2K multilayer paint with fast initial and complete drying, early sandability and excellent block resistance. High chemical and physical resistance, good grain enhancement, resistant to yellowing. Free from NMP. Can be applied as a one-component or, after addition of hardener, as a two-component product. A perfect result can only be achieved by carrying out the following instructions.

Application area: For a resistant finish of highly stressed woods used in upscale furniture construction and interior design.

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

Hardener: **HydRo Härter**
After adding the hardener, the paint-hardener mixture must react for 15 minutes, as there may be a short-term increase in viscosity. Then, if necessary, adjust the application viscosity with up to approx. 10% water.

Mixing ratio: 20 parts paint : 1 part hardener by weight or by volume.
Pot life: Maximum 4 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: **HydRo Möbellack Plus 1K/2K** can be applied by brush, roller or spray gun (air, Airless, Airmix).

Application method:	Airless	Airmix	Gravity spray gun
Spray pressure:	60 - 80 bar	50 - 60 bar	----
Air pressure:	----	1,0 - 1,5 bar	2,5 - 3,0 bar
Nozzle size:	0,22 - 0,33 mm	0,22 - 0,33 mm	1,7 - 2,0 mm
Application viscosity:	approx. 35 - 40 s/4 mm	approx. 35 - 40 s/4 mm	approx. 35 - 40 s/4 mm

Depending on the spraying device used, deviations regarding spraying pressure, air pressure and nozzle size are possible. The application temperature should be between +15 and +25°C. This also applies to the substrate.
Not suitable for curtain coating.

Dilution: **HydRo Möbellack Plus 1K/2K** is ready for use. Depending on the spray device and if necessary, the product can be thinned with water.

Spreading rate: Quantity to apply: approx. 120 g/m² and operation.
Approx. 8 m²/l per layer depending on the absorptivity of the wood and on the application method.

Please turn over!



ROSNER
professional wood coatings

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- Drying time:** At 20°C room temperature and max. 65 % relative air humidity:
- dust dry after approx. 20 minutes.
- set to touch after approx. 30-40 minutes.
- sandable and overcoatable after 1-2 hours.
- Priming and finishing:** **HydRo Möbellack Plus 1K/2K** is used as primer and topcoat. In case of higher stress, a third coat of **HydRo Möbellack Plus 1K/2K** can be applied after intermediate sanding.
- Cleaning of tools:** Clean tools immediately after use with water. Remove dried paint residues with **Waschlöser Nr. 52**.
- Storage:** **HydRo Möbellack Plus 1K/2K** can be stored for 24 months in unopened original container. Store **HydRo Möbellack Plus 1K/2K** in a cool place, but not below +6°C. Close opened containers tightly and use it up as soon as possible. In case of big ullage in the can fill the product in a smaller container (but do not use tin cans because of corrosion risk).
- Notes:** **HydRo Möbellack Plus 1K/2K** must be stirred thoroughly before every use. Even if surfaces treated with **HydRo Möbellack Plus 1K/2K** are dry and stackable after a short time, the required chemical and mechanical resistance is only achieved after a curing time of several days (at 20°C/ 65% relative humidity).



Nur schwerentflammbar (DIN 4102-B1)
auf schwerentflammbaren Holzspan-
platten und auf furnierten schwerent-
flammbaren Holzspanplatten, die im
Verbund schwerentflammbar sind

DIN 4102-1 (test to determine the fire behaviour to prove the clas-
sification B1): Difficult to ignite on chipboards – even with veneer –
with fire behaviour **DIN 4102-B1**
DIN 53160-1/-2: Sweat and saliva proof
DIN EN 71-3: Safety of toys (migration of certain elements).
Resistant against dry heat **DIN 68861 - 7 C** (for 2K application)
Resistant against damp heat **DIN 68861 - 8 A** (for 2K application)

- 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.

Edited 11/24