ROSNER
professional wood coatings

# HydRo Füller 1K/2K

## Technische Information

**Characteristics**: Low-pollutant, pigmented, water-based and one-component priming coat for coating of MDF. An optimal result can only be achieved by following the instructions below.
**HydRo Füller 1K/2K** can be used as one-component or as two-component varnish after adding the hardener.

**Area of application:** **HydRo Füller 1K/2K** is used as priming coat for a flatting varnish structure.

**Substrates:** The product can be applied on supports such as MDF as well as with primer or lacquer foil coated MDF or chipboard. It's not recommended for coating wood core plywood, veneers and solid woods with big cross-section, which continue to work. Edge bands are also not suitable as they are tending to stress cracks because of the high shrinkage.

**Hardener:** **HydRo Härter**

**Mixing ratio:** **20** units lacquer : **1** unit hardener by weight

**Pot life:** Max. 2 hours at 20°C/65% relative air humidity.
Attention: Higher material and ambiance temperatures reduce the pot life.

**Processing:** **HydRo Füller 1K/2K** is applied two times by spraying (gravity spray gun, Airless, Airmix).
While sanding please be careful in order not to grind through the coat.
Recommended strainer size for Airless respectively Airmix: 60 mesh

| Application: | **Airless** | **Airmix** | **gravity spray gun** |
|---|---|---|---|
| Spraying pressure: | 60 - 80 bar | 50 - 60 bar | ---- |
| Air pressure: | ---- | 1.0 - 1.5 bar | 3.5 - 4.0 bar |
| Nozzle: | 0.38 mm | 0.38 mm | 2.0 - 2.3 mm |
| Spray viscosity: | ca. 55 s/4 mm | ca. 55 s/4 mm | ca. 55 s/4 mm |

Depending on the spraying tool deviation in spraying pressure, air pressure and jet size are possible.
Processing temperature: do not apply below +15°C; this is also available for the support, otherwise a defect free film and the good levelling performance could not be assured.
Not suitable for painting and rolling.

**Dilution:** Depending on kind of processing and request may be diluted with lukewarm water.

**Spreading rate:** Applied quantity: approx. 150 ml/m².
Approx. 6 m²/l per layer (depending on wood absorbency and application method).

**Drying times:** At 20°C room temperature and max. 65% relative air humidity:
- dust dry after ca. 60 minutes.
- sandable after ca. 3.5 hours.

Prolonged drying time after treatment due to low temperatures respectively high humidity conditions.

Please turn over!



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**Topcoats:** From our product lines we recommend as colour paint either **HydRo Color Plus** or **RoCryl Color ringfest.**

**Cleaning of tools:** Tools should be cleaned immediately after use with water. Remove dried product rests with **Verdünnung Nr. 10** or **Waschlöser Nr. 52**.

**Storage:** for at least 1 year in the unopened original container. Optimum storage conditions between +5°C and +25°C. Avoid direct sunlight and short-term exposure to frost. Differing storage conditions can lead to undesirable properties of the product. Close opened containers tightly. If the headspace in the container is too large, transfer the product into a smaller container (do not use metal containers because of the risk of corrosion).

**Please consider:** The product and the references in this Product Information correspond to today's state of the art. Our application technology recommendations in word and writing, which we give due to our experience after best knowledge, are noncommittal and justify no contractual legal relation and no additional obligation from the sales contract. They do not release the user from his obligation to check the existing underground and the suitability of our products for the intended purpose with own responsibility. In case of doubt suitability and quantities consumed are to be examined by creating a sample surface. When merging other products with our own products or in common processing with foreign manufactured products we cannot guarantee a perfect final result of the surface. During the processing of our products the contracting regulations for building works and supplies (VOB) is to be considered. Our general terms of payment and supply are in force.

With this technical information all previous lose their validity.

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