ROSNER
professional wood coatings

PUR-Isoliergrund weiß

Technical Information

Characteristics: High-quality 2K polyurethane filler with high solid content to insulate chipboards, solid woods and medium density fibreboards. This filler provides an excellent filling capacity, high vertical stability and very good sandability.
A perfect result can only be achieved by carrying out the following instructions.

Area of application: **PUR-Isoliergrund weiß** is used as primer for a painting system similar to rubbing varnish.

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: **DD-Härter 40**, **DD-Härter 45**

Mixing ratio:

By volume:
2 units **PUR-Isoliergrund weiß** : 1 unit **DD-Härter 40**
3 units **PUR-Isoliergrund weiß** : 1 unit **DD-Härter 45**

By weight:
3 units **PUR-Isoliergrund weiß** : 1 unit **DD-Härter 40**
5 units **PUR-Isoliergrund weiß** : 1 unit **DD-Härter 45**

Pot life: Max. 60 minutes at 20°C/65% relative air humidity.
Attention: The pot life is reduced by higher temperatures of object and ambiance.

Processing: **PUR-Isoliergrund weiß** is applied by spraying (gravity spray gun, Airless, Airmix); recommended strainer size for Airless or Airmix application: 80 mesh.

Application:	**Airless**	**Airmix**	**gravity spray gun**
Spraying pressure:	120 - 150 bar	80 - 100 bar	----
Air pressure:	----	1.0 – 1.5 bar	3.0 – 5.0 bar
Nozzle size:	0.28 – 0.33 mm	0.28 – 0.33 mm	1.8 – 2.5 mm
Spray viscosity:	22 - 35 s/4 mm	22 - 35 s/4 mm	22 - 35 s/4 mm

Depending on the spray gun in use, deviations concerning spray pressure, air pressure and nozzle size may occur. In case of application by Airmix-/ Airless-devices, it is recommended to check the selected device type for its suitability. 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: **PUR-Isoliergrund weiß** mixed with **DD-Härter** is a sprayable Airless compound. Depending on the processing method it can be thinned with **DD-Verdünnung Nr. 20**.
DD-Verdünnung Nr. 25 lang (Verzögerer) (max. 5%) can be used to retard the drying time.
DD-Verdünnung Nr. 15 kurz (max. 10%) can be used to accelerate the drying time.

Spreading rate: Applied quantity: Approx. 100-120 ml/m^2.
Approx. 8-10 m^2/l per layer.

Colour: White

Please turn over!

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Drying time:

Depending on the application method and the applied quantity at room temperature: (20°C/65% relative air humidity):

DD-Härter 40
- dust dry after approx.15-20 minutes.
- set to touch after approx. 30-35 minutes.
- sandable after approx. 2 hours.

DD-Härter 45
- dust dry after approx. 20-30 minutes.
- set to touch after approx. 35-40 minutes.
- sandable after approx. 2.5 hours.

Topcoat:

DuoCryl / **RoCryl** or **HydRo series**.

Cleaning of tools:

Waschlöser Nr. 52 and **PUG P**insel- **u**. **G**erätereiniger.

Storage:

PUR-Isoliergrund weiß can be stored for at least 3 years in unopened original containers and the hardener for at least 2 years.

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.

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