Isolierfüller Rapid

Technical Information

Characteristics: High quality, fast dry two component polyurethane filler based on polyacrylate resin. **Isolierfüller Rapid** offers a very good insulation effect, high filling power and excellent sandability.
Best results are obtained according to the precision of the application.
Please follow the instructions given below.

Area of application: **Isolierfüller Rapid** serves as primer for getting a structure similar to the sandable paint.

Substrates: Medium density fibre boards as well as primed or painted foil coated chipboards and MDF boards. Equally recommended for block boards, veneer and solid wood.
Not suitable for edge bandings of solid wood which by shrinkage tend to tension cracks.
Attention: A test coat on the object is recommended in case of wood species with high content of sap.

Hardener: **DuoCryl Härter**

Mixing ratio:
By volume: 10 units **Isolierfüller Rapid** : 1 unit **DuoCryl Härter**
By weight: 16 units **Isolierfüller Rapid** : 1 unit **DuoCryl Härter**

Pot life: Approx. 2 hours at 20°C/65% relative air humidity.
Attention: A noticeable shortening of the pot life due to higher temperature of the material and environment.

Processing: **Isolierfüller Rapid** may be applied by spraying (gravity spray gun, Airless, Airmix).
Recommended mesh by Airless respectively Airmix: 80 mesh.

Application:	**Airless**	**Airmix**	**gravity spray gun**
Spray pressure:	120 - 150 bar	80 - 100 bar	----
Air pressure:	----	1.0 - 1.5 bar	3.0 - 5,0 bar
Nozzle :	0.28 - 0.33 mm	0.28 - 0.33 mm	1.8 - 2.5 mm
Spray viscosity:	80 - 120 s/4 mm	80 - 120 s/4 mm	35 - 80 s/4 mm

Spraying pressure, air pressure and nozzle size are specific for given spraying equipment.
In case of Airmix-/Airless application, always test for proper type of equipment before use!
The application temperature must not exceed +15°C. This is also valuable for the support.
Otherwise the build up of the film will be strongly affected.
Not suitable for rolling, brushing and curtain coating.

Dilution: **Isolierfüller Rapid** is ready to use by Airless after the addition of **DuoCryl Härter**. Depending on application art and necessity, dilute 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: Approx. 140-170 ml/m².
Approx. 6-7 m²/l each layer (depending on substrate absorption and application method).

Please turn over!

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Colour: White and black

Drying: Depending on application method and quantity of material applied by room temperature (20°C/65% relative air humidity):
- dust dry after approx. 10-15 minutes.
- set to touch after approx. 20-25 minutes.
- sandable after approx. 1 hour.

Topcoat: **RoCryl HS Color**, **RoCryl Color ringfest** or **HydRo Color Plus**.

Cleaning of the tools: **Waschlöser Nr. 52** and **PUG P**insel- **u**. **G**erätereiniger.

Storage: At least 3 years if **Isolierfüller Rapid** is kept in tightly closed original containers. Hardener components at least 2 years.

Special remarks: For Decopaint conform application **Isolierfüller Rapid** has to be used together with **DuoCryl Härter** and **DD-Verdünnung Nr. 20** (addition 5%).
VOC compliant (cat. A/j: 500 g/l (2010); VOC in application form < 500 g/l [4.17 lbs/gal]).
DIN 4102-1 (Testing the fire behaviour of materials and building components, Fire classification B1): flame retardant on chipboards – even with veneer – with fire behaviour DIN 4102-B1 (in combination with **DuoCryl Härter**.

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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