

Wigranit® Magnetic Filler grey WIG-MHF



Product description	
Description	Solvent-based, two-pack PUR primer with ferromagnetic effect. Allows for the creation of magnetic surfaces on conventional wood-based materials.

Range of application	
Description	Almost all wooden furniture in the interior. Ideally suited for priming of wood-based materials such as MDF, particle board with priming foil. This product can be applied to transform components of any shape and any profile into seamless surfaces, where magnets will stick to. By further coating with Zweihorn® paints, opaque compositions of any colour can be obtained.

Product data	
Product code	WIG-MHF
Packaging size	5 kg
Viscosity at delivery DIN 4 mm (sec.)	25 ± 2
VOC Directive EC limit value for this product (cat. A/j): 500g/l (2010)	This product contains max. 480 g/l VOC.
Shelf life - Original container unopened	at least 2 years

Preparation of substrates		
	Raw wooden surfaces. Graduated sanding of wood Carefully remove the sanding dust Coarse-pore wood must be brushed out.	P120, P150, P180
	Wood or MDF in wet rooms	Coat with Wigranit® Two-Pack PUR Insulating Filler WIG/IF.

Processing	
	Stir thoroughly!
	Mix and apply the product as described under "Hardener Thinner Additives".
	Pay attention to the proper mixing ratio by weight or by volume. Thinning is not required. The product is applied three times, each time with a wet film thickness of approx. 250 µm (500 g/m ²), in order to ensure sufficient adhesion of the magnets. A drying time of three hours is required before the next coat can be applied. The surface should be slightly smoothed before another coat is applied. This can be done by means of a sanding sponge. Excessive sanding wears off too much of the material, which negatively affects the adhesion of magnets.

Hardener - Thinner - Additives		
	Hardening by weight by volume	5 % PUR 5085 10 % PUR 5085
	Dilution	S 9004 normal drying S 9029 slow drying
	Pot life 20°C, 65% rel. humidity	up to 4 hours

Application	
Spray pressure (bar)	1.5-3.0
Nozzle size (mm)	2.0-2.5
Processing viscosity DIN 4mm (sec.)	25 ± 2
Coverage per application (g/m ²)	500
Coverage per application (µm)	250
Coverage (m ² /l)	3-4
Yield (sq. m/300 g set)	1.5-2

Drying time @ 20°C	
Dust dry	at least 30 minutes
Touch dry	at least 2 hours
Sandable	at least 3 hours

Products from AkzoNobel Wood Coatings are exclusively produced for professional and industrial users, who have a basic knowledge of the handling and application of chemical/technical products for surface design. The processing instructions for reaching the qualities given in the leaflets should be regarded as non-binding recommendations and do not constitute any warranty. These recommendations are based on our experiences, including test series, and should facilitate and promote the work of our clients. Any potential deviation from ideal working conditions is within the responsibility of our clients and may affect the (end) result of the application. The purchaser is not relieved from his duties to inspect the product and its suitability for the surface to be processed, preferably through trial processing. If in any doubt as to the handling or processing of the purchased product, our material experts as well as our application and laboratory technicians will help you to the best of their ability. AkzoNobel, of course, guarantees an impeccable quality of its products in its product specifications, yet the use thereof lies entirely within the responsibility of the purchaser. As long as we have not guaranteed - in writing - the specific characteristics and suitability of a product for a contractually agreed purpose, any advice or information given regarding the application or handling, even if the advice or information is given to the best of our knowledge, will not be binding nor will it constitute a warranty. AkzoNobel's liability for the use of its products by its customers is limited in its General Sales and Delivery Conditions, to which the purchaser is hereby referred. The applicable version of the Technical Data Sheet for this product can be downloaded from our websites. Previous versions of the Technical Data Sheets are rendered void with the issue of a new one. Date of issue: 2021-07-15 / 14

Aftertreatment

After previous sanding, the surface can be retreated with the same product at any time. See 'Processing'. When sufficient magnetic adhesion is obtained, the classical Zweihorn® paint composition with a primer, followed by a paint coat and, as an option, by a protecting varnish coat, can be made. Thorough intermediate sanding to level the surface must be made only after the filler (e.g., WIG/IF) has been applied. It might be necessary to apply a second filler coat before the paint can be applied. It is possible to create waterborne paint compositions with Variofill, Variocryl® Color, Variocryl® or solvent-based paint compositions, e.g., with Wigranit® Insulating Filler, Wigranit® Novacolor, Crystallit®.

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