

Diadur® 2K-PUR Füllgrund, farblos DD-F



Product description

Diadur® 2K-PUR Füllgrund DD-F is an extremely high-build, well sandable two-pack polyurethane primer. The high transparency of Diadur® 2K-PUR Füllgrund DD-F ensures brilliant varnish compositions.

Range of application

Diadur® 2K-PUR Füllgrund DD-F is only suitable for the finishing of interior furniture surfaces. It is also suitable for interior fittings in spaces other than buildings, e.g. campers, caravans, railway carriages, airplanes, ships, etc. Diadur® 2K-PUR Füllgrund DD-F was specially developed for closed-pore coating compositions with Diadur® 2K-PUR Klarlack DD. Due to its high transparency it is outstandingly suitable for high-gloss compositions with Crystallit® 2K-PUR Hochglanzlack CL-H.

Surfaces

All common wood and wood materials. Hardboard and MDF boards in moisture-proof applications, as well as some woods rich in resin or other ingredients (e.g. some pine, teak or wenge types) should first be insulated with Plastiklack S 7000. All Zweihorn® stains (with the exception of wax stain) and Wigranit® Novacolor paint can be used.

Preparation

For raw wood surfaces a graduated sanding must be carried out (120/150/ possibly 180 grit paper). Dust well. Do not sand stained surfaces.

Hardening	
Hardener	PUR-Härter 5085
Mixing ratio (lacquer/hardener)	5:1
Pot life	approx. 6 h at 20 °C, 65 % relative humidity of air

Thinner

PUR-Verdünner S 9004 (normal drying)
PUR-Verdünner S 9029 (slow drying)

Application

Shake or stir well before use!

Diadur® 2K-PUR Füllgrund DD-F and PUR-Härter 5085 are carefully mixed. Add PUR-Verdünner as required. Depending on the surface, the mixture is once or twice applied as primer after corresponding drying and intermediate sanding (280/320-grit paper). Carefully remove the sanding dust after each intermediate sanding.

Application methods	Spraying	
	High/Low pressure	Airless/Airmix
Spray pressure (bar)	1.5-3.0	110-130
Nozzle size (mm)	1.6-2.0	0.23-0.28
Thinner added if required (%)	approx. 10	–
Processing viscosity DIN 4 mm (sec.)	30	45
Coverage per application (g/m ²)	100-120	120-180
Yield (m ² /l)	9-11	5-8

Drying time (at 20°C room temperature, 65 % relative humidity of air)	
dust-dry	approx. 25 min.
touch-dry	approx. 90 min.
sandable	approx. 4 h

Aftertreatment

After intermediate sanding (280/320-grit paper) and careful dusting, varnish with Diadur® 2K-PUR Klarlack DD. In case of closed-pore compositions, especially when coated with Crystallit® 2K-PUR Hochglanzklarlack CL-H, drying must at least be overnight.

Product data	
Batch sizes DD-F	5 l, 25 l
Batch sizes Härter PUR 5085	0.5 l, 2.5 l, 12.5 l
Viscosity at deliv. DIN 4 mm	approx. 45 sec.
Shelf life in unopened original batches	2 years

For further information see the label and the Safety Data Sheet according to 91/155/EWG, which you can find on our website www.zweihorn.com or which you can request from us.

Special notes

- ▶ Coatings made of polyurethane (PUR) materials must always be sanded and dusted shortly before their further processing in order to guarantee an impeccable bonding.
- ▶ Do not process and dry PUR varnishes under 15°C.
- ▶ PUR hardeners are sensitive to moisture. Always store in tightly sealed containers.
- ▶ Pay attention to the Safety Instruction appearing on the label whenever you handle PUR hardeners.
- ▶ PUR hardeners should be stored under cool and dry conditions for not longer than approx. one year in the closed original batch.
- ▶ Diadur® 2K-PUR-Füllgrund DD-F can also be used on bleached wood (peroxide-resistant).

Meets the following test standards:



Approved for consumer food applications according to § 31, Chapter 1, Regulations regarding consumer goods for food contact applications



EN 71-3 Free from soluble heavy metals (CE approval)



DIN 53160 Part 1 and Part 2 Saliva and sweat proof (CE approval)



Flame resistant according to DIN 4102/B1 on B1-tested particle board, also veneered



DIN 5510 Part 2 - Fire prevention in railway applications



Flame resistant according to IMO-Resolution A 653, USCG approval



TÜV-Toxproof – The label for low-emission paints

Please follow the relevant test certificates for our products, which can be downloaded from our website "www.zweihorn.com" or requested from us.

Zweihorn® products are produced for the professional user, who has a basic knowledge of the use and the application of stains, varnishes, glazes and glues. The user information for our qualities given in the leaflets should be regarded as non-binding recommendations. They are based on our test series and experiences and should facilitate and promote the work of our clients. Any adjustment to the individual working conditions, which might be possible, lies within your responsibility. If in any doubt, our material experts as well as our application and laboratory technicians will try to help you as best as they can. We guarantee of course the impeccable quality of our products based on our General Sales and Delivery Conditions. The use of the final product lies entirely within the responsibility of the buyer. As long as we have not guaranteed in writing specific characteristics and suitability of the products for a contractually agreed purpose, any advice or information given regarding the application, even if the advice or information is given to the best of our knowledge, will be non-binding. Nor does it relieve the buyer, either from his own inspection, and if need be through a trial processing. Furthermore, we are only liable according to Chapter 1 of our General Conditions for advice either given or rejected, which does not refer to the characteristics and use of the delivered product.

Applicable is the current Technical Data Sheet, which can be downloaded under www.zweihorn.com. Previous technical data sheets are voided with the issue of a new version.

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