

Duocryl 2K-Parkettlack DC-P 8, 9



VOC-Compliant

Product description

Extremely abrasion resistant two-pack parquet varnish with very good hardness and scratch resistance for commercial applications. Fast drying and easy application on cork, parquet, stairs or furniture. Duocryl 2K-Parkettlack DC-P is specially set for the application with short- and medium-piled rollers. However, it can also be applied with a brush.

Range of application

Duocryl 2K-Parkettlack DC-P is suitable for all usual types of wood and cork. Duocryl 2K-Parkettlack DC-P can be used to varnish floors and wooden stairs in residential and commercial sectors, which are subject to greater load.

Surfaces

Prior to the application of Duocryl 2K-Parkettlack DC-P, we recommend priming with Unocryl 1K-Parkettgrund, in order to reduce the risk of lateral glueing. Please see the separate Technical Data Sheet.

Preparation

Unocryl 1K-Parkettgrund UC-PG must be applied in accordance with the Technical Data Sheet and sanded after drying. Depending on the type of wood and the way of installation, graduated sanding (24 to max. 120 grit paper) must be made and the sanding dust must be carefully removed. The finer the sanding, the less the roughening. Do not sand stained surfaces.

Gloss levels		
Product number	DC-P8	DC-P9
Gloss level	silk	silk-lustre
Measuring value acc. to DIN 67530 at 60°	approx. 45	approx. 20

Hardening	
Hardener	PUR-Wasserlackhärtter PW 3500
Mixing ratio (lacquer/hardener)	20:1
Pot life	approx. 2 h at 20 °C, 65 % relative humidity of air

Caution: The hardener must be intensively and immediately mixed with the product.

Open a 1-litre batch and add the contents of the 50ml bottle of PW 3500. Immediately stir the mixture thoroughly and close the batch. Then shake the batch thoroughly for at least one minute. When the 5-litre batch is opened, first remove the sieve insert and add the contents of the 240 ml bottle of PW 3500. Then insert the sieve again, close the batch with the twist lock and thoroughly shake the batch for at least one minute. To achieve the optimum varnishing result do not exceed the pot life.

Thinner

Not required.
If necessary, add max. 5 % of tap water.

Application

Stir or shake well before use!

Application by means of roller or brush. Varnishing on water-based stains is not possible since these stains

would be partially dissolved and spots would develop. We recommend priming with Unocryl 1K-Parkettgrund UC-PG, in order to prevent lateral glueing (blocking) (see the separate Technical Data Sheet). After drying of the primer coat, intermediate sanding with a disk sander and P 150 sanding disks should be carried out and the dust should be removed well. Now the first sealing coat of Duocryl 2K-Parkettlack DC-P can be applied. Use a special roller (pile length 8-10 mm) or a broad brush for water-borne varnishes. Do not pour the varnish directly onto the primed surface but use a paint trough, for example. Work steadily in order to hold the amount of air trapped in the varnish as small as possible. Start from the light source away so that failures in the sealing coat can be recognized immediately and can be repaired as long as the varnish is not dry yet! Work in approx. 1.50 m wide webs without much pressure, first crosswise and then longwise with regard to the grain. Overlaps must be made within 5 minutes in order to get smooth transitions! At hardly accessible points, a brush must be used. Immediately clean tools with water and store the material hermetically sealed (plastic bag) if it shall be used further. In order to guarantee an impeccable wear resistance, we recommend applying Duocryl 2K-Parkettlack DC-P again after previous drying and intermediate sanding.

Application methods	
	Brush / Roller (only stairs)
Spray pressure (bar)	–
Nozzle size (mm)	–
Thinner added (%)	–
Processing viscosity DIN 4 mm (sec.)	approx. 20
Coverage per application (g/m ²)	70-125
Yield (m ² /l)	8-15

Drying time (at 20°C room temperature, 65 % relative humidity of air)	
dust-dry	approx. 40 min.
touch-dry	approx. 1-2 h
sandable	approx. 4-6 h
accessible	overnight

Drying times strongly depend on application quantity, ambient temperature, air humidity and air movement. High application quantity and air humidity has a negative effect on the drying process. Higher temperature and air blast has a positive effect.

Aftertreatment

After sufficient drying, sand Duocryl 2K-Parkettlack DC-P with a disk sander and P 150 sanding disks. Only use new sanding paper! Hoover the floor and wipe it with an anti dust rag. The floor must be evenly matted! If this is not the case, the areas must be sanded in order to ensure proper adhesion with the next coat of varnish. Never apply more than two layers (incl. primer) per day, since greater layer thickness will slow down drying! If the floor has not been primed with Unocryl 1K-Parkettgrund prior to the sealing procedure, the floor must be coated a third time.

Product data	
Batch sizes	0.95 l, 4,8 l
Batch sizes PUR-Wasserlackhärtter PW 3500	50 ml, 240 ml
Viscosity at delivery DIN 4 mm	approx. 20 sec.
Shelf life in unopened original batches	approx. 1 year

VOC directive

EC limit value for this product (cat. A/i):
140 g/l (2007) / 140 g/l (2010)
This product contains max. 90 g/l VOC.

For further information see 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

- ▶ Not suitable for thermally or chemically treated wood!
- ▶ Not suitable for coating water-based stains by rolling or brushing, since these stains would be partially dissolved and spots would develop.
- ▶ Only use working equipment made from non-rusting material. The working equipment must be immediately cleaned with water after use.
- ▶ Material is frost sensitive. Do not store and transport under 5 °C.
- ▶ All product and processing parameters apply to normal conditions (20 °C, 65 % relative humidity). Deviations may cause worsening of the results.
- ▶ Always keep the containers closed. Protect contents against dehydration (skinning). If required, remove the skin through filtration prior to the application (e.g. through a nylon mesh).
- ▶ In order to guarantee an impeccable wear resistance, a sufficient total layer thickness must be ensured.
- ▶ Caution: The product must not be drained into the sewage system.
- ▶ Accessible after 8 hours at the earliest. Furniture can be placed after 24 hours at the earliest, carpets can be laid after one week at the earliest. First cleaning after one month at the earliest.
- ▶ Care instruction: Applicable to all surface-treated wooden floors: Do not mop too wet in order to avoid the detrimental effect of moisture to joints or bordering. Please see our special cleaning and care products PPR and PPP as well as the relevant cleaning and care instructions.

Meets the following test standards:

- Chemical exposure of furniture surfaces according to DIN 68861/1B, except mustard
- 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

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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