



Product description

Unocryl 1K-Parkettgrund UC-PG is the perfect preparation for your parquet or cork floor prior to further coating with the Zweihorn® products Unocryl 1K-Parkettlack UC-P or Duocryl 2K-Parkettlack DC-P. Unocryl 1K-Parkettgrund UC-PG is set so that lateral glueing is avoided, in order to prevent irregular forming of joints. Unocryl 1K-Parkettgrund UC-PG is specially set for the application with short- and medium-piled rollers. However, it can also be applied with a stopping knife.

Range of application

Unocryl 1K-Parkettgrund UC-PG is suitable for all common types of parquet wood and cork. With Unocryl 1K-Parkettgrund UC-PG, floors can be primed and prepared for further coating with Unocryl 1K-Parkettlack UC-P or Duocryl 2K-Parkettlack DC-P.

Surfaces

All common parquet wood. Wood strongly rich in ingredients, e. g. pine, teak or wenge, must be primed with Duocryl 2K-PUR Wasser Isoliergrund DC-I instead of Unocryl 1K-Parkettgrund UC-PG. Please see the separate Technical Data Sheet. In case of mechanical application (roller/brush), previous staining of the floor can only be made with solvent-based Zweihorn® stains. Varnishing on water-based stains is not possible since these stains would be partially dissolved and spots would develop.

Preparation

Depending on the type of wood and the way of installation, graduated sanding (24 to max. 120 grit paper) must be made. The sanding dust must be carefully removed. The finer the wood sanding, the slighter the roughening. When refurbishing floors, we always recommend sanding until the raw wood becomes visible in order to ensure even emphasis of the wood grain and best adherence. Always take care that the wear layer of your parquet floor is sufficient. Do not sand stained surfaces.

Thinner

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

Application

Stir or shake well before use!

Unocryl 1K-Parkettgrund UC-PG can be applied with a roller or a brush. We recommend using this product as primer in order to prevent lateral glueing (blocking). 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. After a drying time of approx. 60-90 minutes carry out intermediate sanding with a disk sander and P 150 sanding disks. Carefully remove the sanding dust. If sanding through took place during intermediate sanding, we recommend applying another coat of Unocryl 1K-Parkettgrund UC-PG, in order to prevent colour variations.

Application methods	
	Brush / Roller
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 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 Unocryl 1K-Parkettgrund UC-PG 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 matt! 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! Then the first sealing of the parquet floor can be made with the products Unocryl 1K-Parkettlack UC-P or Duocryl 2K-Parkettlack DC-P.

Product data	
Batch sizes UC-PG	1l, 5 l
Viscos. at deliv. 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

- ▶ For further information and for processing hints see the "Parquet ennoblement manual", which can be requested from us or downloaded from www.parkettveredelung.com.
- ▶ 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). Any deviation may cause worsening of the results.
- ▶ Always keep the container closed. Protect contents against drying (skin formation). In case of skin formation, remove the skin through filtration (e.g. through a nylon mesh) prior to the application.
- ▶ In order to guarantee an impeccable wear resistance, sufficient total layer thickness must be ensured.
- ▶ Caution: The product must not be drained into the sewage system.

Meets the following test standards:



EN 71-3 Free from soluble heavy metals (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.

Date of issue: April 30, 2009