

Unocryl 1K-Wasser-Treppenlack, farblos UC-T 8, 9



Product description

Unocryl 1K-Wasser-Treppenlack UC-T is a high-build, abrasion and chemical resistant one-pack stair varnish on PUR-acrylate basis high mechanical stress. The outstanding chemical resistance and abrasion resistance guarantees an extremely good surface quality. Unocryl 1K-Wasser-Treppenlack UC-T is extremely lightfast and can therefore be used for varnishing on Variocryl® Color VCC/colour.

Range of application

Unocryl 1K-Wasser-Treppenlack UC-T is suitable for open-pore and, above all, for closed-pore coating of wooden stairs indoors. Due to its hardness and abrasion resistance it is also suitable for all other highly stressed wood surfaces.

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, such as pine, teak or wenge, should first be insulated with Duocryl 2K-PUR Wasser Isoliergrund DC-I. All water-based Zweihorn Zweihorn® paints (Variocryl® Color VCC/colour) and all Zweihorn® stains, with the exception of wax stain, can be used.

Preparation

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

Gloss levels		
Product number	UC-T 8	UC-T 9
Gloss level	silk	silk-lustre
Measuring value acc. to DIN 67530 at 60°	approx. 55	approx. 25

Thinner

Not required.
If necessary, add max. 10 % of tap water.

Application

Shake or stir well before use!

When converting the spraying plant from solvent-based products to water-based varnishes, rinse the spraying plant, in the following order, with Zweihorn® Universalreiniger UR and then with water. Application is made by spraying, brushing or rolling. After drying of the primer, sand with a sandpaper suitable for

water-based varnishes (e.g. 280-grit paper) and dust well. Then richly apply the coating varnish. Processing conditions: 15-25 °C temperature and 30-65 % relative humidity of air.

Application methods	Spraying		Brush / Roller (only stairs)
	High/Low pressure	Airless/Airmix	
Spray press. (bar)	1.5-3.0	110-130	–
Nozzle size (mm)	1.8-2.0	0.25-0.33	–
Processing viscosity DIN 4 mm (sec.)	approx. 40	approx. 70	approx. 70
Coverage per application (g/m²)	100-120	120-140	100
Yield (m²/l)	7-8	6-7	appr. 10

Drying time

(at 20°C room temperature, 65 % relative humidity of air)

dust-dry	approx. 35 min.
touch-dry	approx. 1.5 h
sandable	approx. 4 h

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

Unocryl 1K-Wasser-Treppenlack UC-T can be worked over at any time with the same material after prior sanding and dusting.

Product data

Batch sizes UC-T	5 l, 25 l
Viscos. at deliv. DIN 4 mm	approx. 70 sec.
Shelf life in unopened original batches	approx. 1 year

VOC directive

EC limit value for this product (cat. A/e):
150 g/l (2007) / 130 g/l (2010).
This product contains max. 45 g/l VOC.

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

- ▶ Only use working equipment made from non-rusting material.
- ▶ The working equipment must be immediately cleaned with water after use.
- ▶ When changing from water varnish to solvent containing systems thoroughly rinse the spray guns with water and afterwards with Universalreiniger UR.
- ▶ Material is frost sensitive. Do not store and transport under 5 °C.
- ▶ Do not process under 15 °C.
- ▶ Always keep the containers closed. Protect contents against dehydration.
- ▶ In case of skin formation, remove the skin through filtration (e.g. through a nylon mesh) prior to the application.
- ▶ Caution: The product must not be drained into the sewage system.
- ▶ Some water stains might "bleed out" during the coating with water varnishes. If in doubt carry out a sample staining and varnishing.
- ▶ In case of water based materials please make sure that no unsuitable profiled joints are used. Please follow the instructions of the profile manufacturer.
- ▶ In order to guarantee an impeccable wear resistance, a sufficient total layer thickness must be ensured.

Meets the following test standards:

- Chemical exposure of furniture surfaces according to DIN 68861/1B
- Abrasion resistance acc. to DIN 68861 Part 2
- 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
- Anti-slip properties R10 according to BGR 181 and DIN 51130 when 3 % of Strukturpulver fein STP-F is added

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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