



Product description

Plastiklack 2K-PUR Isolierlack S 7000 is an outstanding primer for the insulation of exotic wood rich in contents and of MDF with extreme penetrating power. At the same time, Plastiklack 2K-PUR Isolierlack S 7000 is also a highly resistant two-pack polyurethane varnish for extreme applications. Chemical resistant and PVC-resistant. For open- and closed-pore coating of wood and wood materials. Plastiklack 2K-PUR Isolierlack S 7000 is suitable as primer and final coating varnish and resists greatest stress.

Range of application

Plastiklack 2K-PUR Isolierlack S 7000 is only suitable for the finishing of interior furniture surfaces. Due to its high resistance against mechanical and chemical exposure, Plastiklack 2K-PUR Isolierlack S 7000 is ideal for the varnishing of extensively used wood surfaces indoors, e.g. schools, discotheques, restaurants, laboratory installations, medical installations that come into contact with chemicals, drug stores, pharmacies, shop installations. It is also suitable for interior fittings in spaces other than buildings, e.g. campers, caravans, ships, etc.

Surfaces

All common wood and wood materials. Especially for hardboard, MDF, wood rich in resin and ingredients, such as pine, teak and wenge, as well as many types of exotic wood. All Zweihorn® stains, with the exception of wax stain, can be used. For varnishing white and pastel shades, which require high colour-fastness, we recommend using extremely lightfast varnishes, such as varnishes of the Diadur®, Crystallit®- or Puroolit-series.

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.

Gloss levels	
Product number	S 7000
Gloss level	glossy
Measuring value acc. to DIN 67530 at 60°	approx. 80

Hardening	
Hardener	Plastiklack-Härter S 7777
Mixing ratio (lacquer/hardener)	2:1
Pot life	approx. 8 h at 20 °C, 65 % relative humidity of air

Thinner

Thinner is not required, but the following thinners might be used:
PUR-Verdüner S 9004 (normal drying)
PUR-Verdüner S 9029 (slow drying)

Application

Shake or stir well before use!

Carefully mix Plastiklack 2K-PUR Isolierlack S 7000 and Plastiklack-Härter S 7777. Apply with spray gun or a soft, flat varnishing brush or a short-piled roller, depending on the desired final effect, up to four times (as insulation only once). Sanding must be made with 280-grit paper or finer. Carefully remove the sanding dust.

	Spraying		Roller/ Brush
	High/ Low pressure	Airless/ Airmix	
Spray press. (bar)	1.5-3.0	110-130	–
Nozzle size (mm)	1.6-2.0	0.23-0.28	–
Thinner added (%)	–	–	–
Processing viscosity DIN 4 mm (sec.)	approx. 12	approx. 12	approx. 12
Coverage per application (g/m ²)	100-120	100-120	100
Yield (m ² /l)	7-9	8-9	10

Drying time

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

dust-dry	approx. 1 h
touch-dry	approx. 3 h
sandable	approx. 5 h
transportable	overnight

Aftertreatment

Plastiklack 2K-PUR-Isolierlack S 7000 can be worked over at any time with the same material after prior sanding and dusting.

Product data	
Batch sizes S 7000	1 l, 5 l, 25 l
Batch sizes Härter S 7777	0.5 l, 2.5 l, 12.5 l
Viscosity at delivery DIN 4 mm	approx. 12 sec.
Shelf life in unopened original batches	approx. 2 years

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

- ▶ PUR hardeners should be stored under cool and dry conditions for not longer than approx. one year in the closed original batch.
- ▶ Prior to varnishing and after thorough sanding, wood particularly rich in grease or ingredients should be washed out with Universalreiniger UR.
- ▶ Carefully close opened hardener batches and protect contents against humidity and air.
- ▶ Clean the equipment immediately after finishing of the job with Universalreiniger UR.
- ▶ Do not treat any bleached woods with Zweihorn® Plastiklack, because a yellow discoloration could occur!
- ▶ If higher UV resistance is required, Spezial Sunblocker SB can be added to the varnish.

Meets the following test standards:

-  Chemical exposure of furniture surfaces according to DIN 68861/1B
-  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 IMO-Resolution A 653, USCG approval

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.

Date of issue: April 30, 2009