

Super Duroffix® 1K-Klarlack SDF-H, 8, 9, 0



Product description

Super Duroffix® SDF is a formaldehyde-free one-pack varnish suitable for interior applications on many types of wood surfaces, which are subject to normal stress. Now with improved high-build characteristics. By adding a lightfastness additive, the varnish becomes even more PVC-, water- and alcohol-resistant. By the use of finished natural raw materials it becomes even more ecological. It dries very quickly and is well sandable. The TÜV-Toxproof label guarantees a surface, which has been tested for harmful substances.

Range of application

Super Duroffix® 1K-Klarlack SDF is only suitable for the finishing of interior furniture surfaces (except moisture-proof applications, such as kitchens, bathrooms). It is suitable for furniture in living rooms, bedrooms, children's rooms and even in areas where it comes to contact with food. It is also suitable for interior fittings in spaces other than buildings, e.g. campers, caravans, etc.

Surfaces

All common wood and wood materials. Wood rich in resin and wood rich in ingredients (e.g. some pine, teak or wenge types) must first be insulated with Plastiklack S 7000. All Zweihorn® stains, with the exception of wax stain, can be used. For varnishing white and pastel shades, which require high colourfastness, we recommend the use of extremely lightfast varnishes, such as varnishes of the Purolit-, Crystallit®- or Diadur®-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. As filling and well sandable primer coat we recommend the use of Super Duroffix® Füllgrund SDF-F.

Gloss levels				
Product number	SDF-H	SDF 8	SDF 9	SDF 0
Gloss level	high-gloss	silk	silk-lustre	matt
Measuring value acc. to DIN 67530 at 60°	approx. 90	approx. 30	approx. 15	approx. 10

Thinner

Verdünner 10063 (normal drying)
Verdünner S 9029 (slow drying)

Application

Stir or shake well before use!

Apply using spraying, pouring or roller method. Super Duroffix® can be used as priming or coating varnish. For closed-pore compositions and strongly absorbing wood we recommend the use of Super Duroffix® Füllgrund SDF-F. Intermediate sanding with 280-grit paper. Carefully remove the sanding dust.

Application methods	Spraying		Pouring
	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 (%)	5-10	–	–
Processing viscosity DIN 4 mm (sec.)	approx. 25	approx. 35	approx. 35
Coverage per application (g/m²)	100-120	120	100
Yield (m²/l)	6-9	8	10

Drying time (at 20°C room temperature, 65 % relative humidity of air)	
dust-dry	approx. 15 min.
touch-dry	approx. 30 min.
sandable	approx. 1 h
transportable	approx. 2 h

Aftertreatment

After prior sanding and dusting, Super Duroffix® 1K-Klarlack SDF can be worked over at any time with the same material.

Product data	
Batch sizes	1 l, 5 l, 25 l and 400 ml aerosol can
Viscosity at delivery DIN 4 mm	approx. 35 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

- ▶ When processing at high temperature and high humidity, grey spots might occur due to too fast drying of the varnish film. This can be avoided by adding slowly drying Verdünner S 9029 or by adding Verzögerer VZ.
- ▶ If higher UV resistance is required, Spezial Sunblocker SB can be added to the varnish. See the Technical Data Sheet for Spezial Sunblocker SB.

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)



Suitable for profiled joints in accordance with the Rosenheim Regulations



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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