

Super Duroffix® 1K-Aufhellack, farblos SDF-A



Product description

Super Duroffix® 1K-Aufhellack SDF-A is a one-pack brightening varnish with low wetting behaviour. It is especially suitable for the maintenance of original stain colour shades in the areas of bright colour tones and the natural wood colour shade of brighter wood. Priming and coating varnish from one can. Now with improved high-build characteristics. By adding a lightfastness additive, the varnish becomes even more PVC-, water- and alcohol-resistant! The formulation of the varnish is free from formaldehyde and good lightfast. Super Duroffix® 1K-Aufhellack SDF-A is quickly drying and well sandable.

Range of application

Super Duroffix® 1K-Aufhellack SDF-A is only suitable for the finishing of interior furniture surfaces (except moisture-proof applications, such as kitchens, bathrooms). It is also suitable for interior fittings in spaces other than buildings, e.g. campers, caravans, etc.

Surfaces

All common wood and wood materials, especially light wood. Hardboard and MDF boards in moisture-proof applications, as well as some woods rich in resin or other ingredients (e.g. some pine, teak or wenge types) should first be insulated with Plastiklack S 7000. Due to the low wetting behaviour, Super Duroffix® 1K-Aufhellack SDF-A is especially suitable as priming and coating varnish for Positiv-Fertigbeize PBF, since due to the low wetting behaviour, the positive stain appearance and the original stain colours in the light colour range (pastel shades) are maintained. The natural wood colour of light wood is also maintained well. All Zweihorn® stains, with the exception of wax stain, can be used.

Preparation

For raw wood surfaces a graduated sanding must be carried out (120/150/180 grit paper). Dust well. Do not sand stained surfaces.

Gloss levels	
Product number	SDF-A
Gloss level	dull matt
Measuring value acc. to DIN 67530 at 60°	approx. 6

Thinner

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

Application

Stir or shake well before use!

Apply using spraying, pouring or roller method. Use Super Duroffix® 1K-Aufhellack SDF-A first as primer, then as coating varnish. Intermediate sanding with 280-grit paper. Carefully remove the sanding dust.

	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	100	80
Yield (m²/l)	6-8	8	12

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-Aufhellack SDF-A can be worked over at any time with the same material or with Super Duroffix® SDF-H, 8, 9, 0.

Product data	
Batch sizes	5 l, 25 l
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 68861/1C
-  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)
-  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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