

Super Duroffix® 1K-Füllgrund, farblos SDF-F



Product description

Super Duroffix® 1K-Füllgrund SDF-F is a very high-build, fast drying, excellently sandable one-pack primer. The formulation of the varnish is free from formaldehyde.

Range of application

Super Duroffix® 1K-Füllgrund SDF-F 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. Especially suitable as priming varnish for closed-pore surfaces, particularly suitable for economic mass production.

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 of white and pastel shades, which require high colourfastness, we recommend the use of extremely lightfast varnishes, such as varnishes of the Purofit-, Crystallit®- or Diadur®-series.

Preparation

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

Thinner

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

Application

Stir or shake well before use!

Applicable by spraying, pouring or roller application in up to four layers. 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/m ²)	100-120	120	120
Yield (m ² /l)	6-9	8	8

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, Super Duroffix® 1K-Füllgrund SDF-F can be worked over at any time with the same material. All Zweihorn® All one-pack varnishes, such as SDF-H, 8, 9, 0, or flattening agents, such as Ballenmattierung S 50 are suitable as coating.

Product data

Batch sizes	1 l, 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:



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.

Date of issue: April 30, 2009