

Spritz- und Pinselbeize S 9900/Farbton

Product description

Liquid, ready-to-use, water alcohol stain with clear, brilliant Effect and subtle pore emphasis.

Range of application

Zweihorn Spritz- and Pinselbeize S 9900 can be used universally and can be applied using spraying or rolling process. It can also be processed with a brush. To be used indoors on many types of wood, e.g. on oak, ash, cherrytree, walnut, mahogany, bird's eye maple, alder and beech. Can be used after the application of a clear Zweihorn paint, sweat- and saliva-resistant, according to DIN 53160, and hence also for children wooden toys.

Preparation

Careful and even preparation of the surface through graduated, sharp wood sanding with final sanding with 150-180 grit paper and thorough removal of the sanding dust through brushing out of the wood pores.

Brightening / shading

For the brightening S 9900/4000 colourless can be used. All S 9900/colours can be mixed with each other and can be shaded with Beizextrakt W (water soluble) except BXF 16 (white) or with almost all colour concentrates CK (paint soluble) – except CK 05 brilliant green, CK 09 white and CK 07 pigment black. Numerous other colours can be found in the big stain colour book "Color Player".

Application

Shake well or stir thoroughly before use !

1. Spraying without subsequent wiping: Make sure that not too much stain is applied. It is better to spray "dry" twice than once too wet.
2. Roller application: S 9900/Colour can be easily processed on automatic staining machines by means of the coil coating process with subsequent distributing brushes.
3. Manual application with stain brush: Apply richly in grain direction, then distribute diagonally and take off in grain direction afterwards, then longitudinally. In case of spongy wood or of wood with varying absorption (e.g. cherrytree, beech) the spraying process must be used. Before the actual application, a trial staining should be carried out in any case, in order to control colour and effect.

Application methods

	Spraying		Brushing
	High pressure	Low pressure	
Spray pressure (bar)	1,5-2,0	HVLP	-
Nozzle size (mm)	0,8 – 1,3	1,0	-
Coverage per application (g/m²)	40-70	40-70	60-80
Yield incl. spray loss (m²/l)	7-12	7-12	12-16

Drying time

(at room temperature 20°C, 65 % relative humidity) 1–2 hours. The drying time can be drastically shortened through air movement and temperature increase.

Coating

Zweihorn Spritz- and Pinselbeize S 9900 can be overpainted with all Zweihorn Wood Varnishes using spraying and pouring process. Water varnishes should not be applied using roller or brush processing, in order not to blur the colour effect. A coating with NATURTREND products, e.g. NHO, NWL or NHW is also possible. However, product related colour deviations have to be taken into consideration.

Product data

Batch sizes	1 l, 5 l, 25 l*
Viscosity at delivery DIN-4mm	approx. 11 sec.
Shelf life in unopened original batches	2 years

* only colourless

Further information can be obtained from the label and the Safety Data Sheet 91/155/EWG, which you can download from the Internet (www.zweihorn.com).

Special notes

- The final colour depends on the type of wood, original colour and pre-treatment of the wood, sanding, application quantity of the stain as well as the varnish material used. Therefore you should always do a trial staining and varnishing!
- Working equipment should be cleaned after use with water, spirit or S 3. Spraying equipment should be rinsed with water, then with spirit or S 3 and finally with Nitro or PUR thinner before changing over to solvent-based paints.
- **Attention:** Product must not be drained into the sewage system.
- If several individual batches are used, they should be mixed together before you start with the work.
- It does not contain heavy metals, as e.g., lead, chromium, mercury, or cadmium, and conforms with respect to heavy metal content to the requirements of the table 1 of the EN 71 of the November 2002 edition. Similarly it does not contain any poisons of organic nature, such as for instance, PCP (pentachlorophenol), HCH (Lindan), or formaldehyde.

Having applied correctly a layer of clear paint there is no danger of formation of any substances in concentrations that could impair health, or the environment, or cause odour pollution due to corrosive constituents, due to the varnish itself.

Zweihorn products are produced for the professional user, who has a basic knowledge of the stockturn 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. A possible necessary adjustment to the individual working conditions 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. All current technical data sheets are herewith voided. The use of the final product lies entirely within the responsibility of the buyer. As long as we haven't guaranteed in writing specific characteristics and suitabilities 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.