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REFINE THE NATURE OF WOOD

SOLVENT STAIN

TECHNICAL DATA SHEET

Solvent Stain is a product based on organic solvents, dyes and pigments. It is characterized by quick drying, very good pore marking and high resistance to UV which gives long-term stable colour. Solvent Stain colour range also contains modern and trendy colours with pastel effect.

Range of applications The Solvent Stain can be used for decorative painting of wood and wood-based elements of furniture. It is suitable for colouring both coniferous and deciduous wood types. Solvent Stain is preferred for oak, ash and pine.

Colours 50 colours of Symphony Colour Range. Other colours can be also matched for special needs.
Solvent stain colour palette, available indexes:
- SOP-2X-XX
- BPA-XXX

Wood preparation Before staining the wooden surface must be clean (free from dust and resin/glue spots) and treated with sandpaper: grit 150 - 220 (depending on the kind of wood).

Product preparation Before using the Stain, its container should be thoroughly mixed. The mixing should be continued until the possible residue at the bottom of the container is gone.
For pastel colours (BPA indexes, 20-01, SOP-20-07, SOP-BN-022, SOP-BN-125/09) we strongly recommend using mechanical agitation because the colourants can be deposited on the bottom of the package.

Application The Stain can be applied with the use of pneumatic or hydrodynamic spray, with a brush or a tampon. In order to achieve the rustic effect (increase to pore marking) the coloured surface should be wiped out with a soft flannel tampon along the growth rings right after the application of Stain.
The colouring should be done in temperatures from 5°C to 30°C.

A trial application should always be done on the target wood and suitable lacquer. It is necessary to determine whether the colour meets the demands.

Drying The coloured elements should be dried at the temperature of 20°C for approx. 15 min. Drying in lower/higher temperatures does not cause any negative effect, but extends/shortens the drying time.

Wood finishing The stained wood can be finished by spray with any kind of varnish or oil, purposed for wooden surfaces. Application should always be done in accordance with the manufacturer's instructions. In order to prolong the durability of colour we recommend to use the varnish with high resistance to UV.

The information contained herein is intended to facilitate processing by product users and based on numerous laboratory tests and real-life trials. The data is indicative only and does not constitute any commercial warranty due to the variety of product application methods and systems. Hence the end customer is not relieved from the obligation to do a test application according to their individual needs. SOPUR shall not accept any liability of any defects or damage caused by applying its products with materials marketed by other manufacturers or any other unauthorised alteration of the product.

All documents related to the product are available on request and on the manufacturer's website.



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Tool cleaning Nitrocellulose thinner

Technical parameters

Viscosity (Ford cup 4; 20°C)	[s]	approx. 10
Density (20°C) depending on the stain type	[g/cm ³]	0,86 -1,08 (depend on the colour)
Drying time (20°C)	[min]	approx. 15

VOC content ≤ 770 g/l

Theoretical efficiency Approximately 10 to 15 m² from 1l, depending on the colour intensity and the application.

Containers Metal cans, available capacity: 0,5lt; 2,5lt; 10lt; 30lt

Warranty period 12 months from production date (in unopened containers)

Transport In tightly closed containers at the temperature not higher than 40°C.

Storing In tightly closed containers away from open fire and sources of heat, at the temperature not higher than 40°C. Do not expose to direct sunlight.

Date issued: 7.09.2016

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