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Composition Solution of modified alkyd resins in organic solvents with the addition of drying oils, waxes and dispersion of organic and inorganic pigments and special additives.

Characteristics and use Solvent-based woodstain is intended to protect soft and hard wood in both interior and exterior. It contains transparent iron oxide pigments. The coating is highly decorative and enhances beauty of wood. It is resistant against humidity and UV radiation. The wood stain doesn't flow down when applied and it has excellent linking on large surfaces.

The product is not intended for coatings that come into direct contact with food, feed and drinking water and for coatings of children's furniture and toys. The product can be used on surfaces that come into indirect food contact.

- ◆ long-term protection of wood
- ◆ stays on vertical surfaces
- ◆ highly decorative

Application area Substrate: wood
 Environment: interior, exterior
 Examples: garden furniture, wooden gables, soffits, walls and ceilings linings, fences, cottages and wooden houses, windows, doors

T000 natural	T022 palisandr	T060 pine
T020 chestnut	T023 teak	T080 mahagon
T021 nut	T024 cedar	

Product is also available as a base for the tinting system BALMIX.

Physical properties	Flow time	thixotropic
	Weight solids	> 50%
	Volume solids	46 %
	Flash point	> 62 °C
	Density	920 kg/m ³

Emission limits	VOC: 0.42 kg/kg	TOC: 0.36 kg/kg
	Product subcategory: A/e	Threshold value (2010): 400 g/l
	Max. VOC content in ready to use state: 399 g/l	

Properties of dried coat	Gloss	degree 4 - 5
	Pendulum hardness / Persoz	up 10 % in 5 days

Drying time Dried in 24 hours (23 °C / 50 % RH)

Spreading capacity 17 m²/l per single layer according to a timber absorbency

Thinning BALTECH S6006 (for cleaning tools)

Surface preparation Before the application, the timber surface shall be clean, dry, well smoothed, with max. 12% humidity and free of resin residues. The timber surface with high content of resins (larch, pine) shall be cleaned of all resin residues, e.g. by washing by BALTECH C6000 nitro-solvent. Quality of wood preparation determines overall look of the wood final finish and affects total lifetime of the coating system. First it is recommended to treat the timber surface with a suitable impregnation, which ensures uniform absorbency and higher protection of the timber surface of wood (in case of using fungicidal impregnation also protection against attack of mould, fungi and insects. Subsequently it is necessary to lightly abrade a surface by fine sandpaper in the direction of the grain, dust off and apply woodstain.

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The timber surface intended for exterior is recommended to treat with LAZUROL FUNGICIDAL IMPREGNATION S1033, the timber surface intended for interior is recommended to treat with colourless woodstain LAZUROL CLASSIC S1023.

Remove all poorly adhering old coats to the solid surface when renovate. It is recommended to follow the procedure system according to the technical data sheet.

Application conditions

Minimum air and substrate temperature must be 5 °C, maximum 40 °C during application and the entire drying time. The optimal application temperature is 18 to 23 °C and the relative humidity is 40 to 70 %. Type, surface and previous paint wood affects the final shade of coat, so it is recommended to apply testing coat before a finish coating.

For larger complete surface, always use material from the same batch. When the same production batch is used, it is guaranteed the same colour. It is necessary different batches mix before applying in a large container. The final shade also depends on the number and thickness of coatings.

This product is not suitable for floor coatings and timber surface in permanently humid environments (e.g. sauna), timber surfaces treated with oils or waxes, respectively products containing waxes.

If this product is used for the treatment of wood containing tannic acid (acacia, oak, larch), you must first perform a test application. Due to the high tannin content can lead to slow drying, subsequent leaching tannins and affecting the overall appearance of the film.

Stackability must be tested for specific conditions (climatic conditions, thickness, number of coats, the shape of the substrate, substrate type, etc.).

Workflow

Properly mix before use. It shouldn't be thinned, it is ready to use. Apply 2 or 3 coats on the prepared surface in wood direction. Recoat after 6 hours. Sanding is possible after 24 hours. Colour shades are intermixable.

Application

Brush with natural fibre
Roller for wood stains (e.g. soft moltoprene)

Handling

Read the instructions in the Safety Data Sheet before use and follow all safety instructions and regulations. The product contains organic solvents. Follow basic hygiene rules. Do not eat, drink or smoke while using this product. Avoid contact with eyes, skin or clothing. Wear protective gloves, eye protection, protective clothing. Ensure effective ventilation of the workplace. People and animals should not remain in the treated area until the paint dries.

If on skin: take off contaminated clothing and wash skin with plenty of soap and water. If inhaled: remove person to fresh air. If in eyes: rinse thoroughly for 10-15 minutes with clean water. Remove immediately contact lenses if present. If swallowed: rinse your mouth with water. If you feel unwell or in case of health problems or if in doubt, and accidental ingestion and contact with eyes, always consult a doctor immediately.

Packing

0,75 l; 2,5 l (base 0,75 l and 3 l)

Storability

The product keeps the product qualities 5 years from production date in original closed container. To store in dry storage at the temperature 5 to 25 °C. Flammable liquid III. hazard class.

Disposal of packing and waste

Hand over the used, properly empty packing at the collection point of the packing waste. Dispose the packing with the product rest at the place determined by the town for disposal of hazardous waste or hand over to the person authorized for hazardous waste disposal. Further see MSDS.

These data are only for information and their accuracy is influenced by the properties of individual materials and unpredictable factors during application. The user is responsible for correct use of the product according to the direction for use and for correct application of painting system, i.e. he must always evaluate all conditions of application, which could influence final quality of the top treatment. Therefore, we always recommend to the user to carry out the test for actual working conditions and type of surface applied. Above mentioned data are data, which influence individual working conditions and therefore they do not establish a legal claim. It is necessary to consult information outside the terms of this catalogue sheet with the producer.

The producer stipulates the right for the change in the catalogue sheets without previous notification.