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Composition Dispersion of pigments and fillers in alkyd resin solution in organic solvents with addition of driers.

Characteristics and use The primer is determined for primary and first coats of a wood. It is endowed with very good hiding power, good levelling and fast drying. The coat has very good sandability. 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.

- ◆ excellent sandability
- ◆ good hiding power
- ◆ improve adhesion of top coat

Application area Substrate: wood, chipboard
 Environments: interior, exterior – according to chosen painting system
 Examples: wooden windows and doorframes, doors, wooden furniture, chipboard panelling

Shades 0100 white

Physical properties	Flow time	130 – 180 s (cup Ford Ø 4 mm)
	Weight solids	> 75 %
	Volume solids	56 %
	Flash point	> 25 °C
	Density	1510 - 1550 kg/m ³

Emission limits	VOC: 0.23 – 0.25 kg/kg	TOC: 0.20 – 0.22 kg/kg
	Product subcategory: A/g	Threshold value (2010): 350 g/l
	Max. VOC content in ready to use state: 349 g/l	

Properties of dried coat	Gloss	degree 5
	Pendulum hardness / Persoz	up 20 % in 5 days
	Hiding power	degree 1 - 2

Drying time	Surface temperature	23 °C
	Dust free	< 1 hour
	Dry through	< 6 hours
	Dry film thickness DFT	30 - 35 µm

Spreading capacity	Wet film thickness WFT	55 - 65 µm
	Dry film thickness DFT	30 - 35 µm
	Theoretical spreading capacity	15 - 17 m ² /l per one layer

Thinning BALTECH S6006 (brush, roller), BALTECH S6001 (spraying)

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 primer. Formerly coated surfaces must be cleaned, degreased and without old non-adhesive paints. It is recommended for providing compatibility of a new paint with the old one to perform a reference coating (painting) of surface - ca 1 m². It is recommended to follow the procedure system according to the technical data sheet.

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Application conditions

Minimal air temperature for application is 10 °C, temperature of painted surface must be 3 °C above dew point. Temperature and relative humidity must be measured in proximity of painted surface. The surface temperature must not be higher than 40 °C. Optimal temperature for application is about 18 to 23 °C. Relative humidity must not be higher than 75 %. Lower temperature and higher humidity during an application and a drying and high thickness of applied coats markedly slow down drying and hardening of the coat. Imperfectly dried surface can cause problems with adhesion of paint to surface or with adhesion between individual coats. In addition it can negatively affect overall appearance of the paint film.

During rain, fog, creation of condensation water, effect of aggressive gases and during wind with strong content of dust the coating work must be suspended and can be restart after absolute drying of surface-treated material.

Do not apply the paint on a hot summer day. The high temperature in the atmosphere causes rapid drying of the surface layer film and the subsequent possible wrinkling of the film. It also reflected problems in connecting the individual strokes of paint coating. For larger compact areas always use the material from the same batch. Using the same batch can guarantee the same shade of the colour.

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.

External wood coating

1. 1 coat of impregnation LAZUROL FUNGICIDAL IMPREGNATION S1033; 24 hours drying, grinding;
2. 1 or 2 coats of primer PRAGOPRIMER PLUS S2070. Recommended interval between coating 6 or more hours; grinding. Optimum thickness of one layer is 30 - 35 µm.
3. 2 or 3 coats of enamel LAZUROL OKNOBAL EMAIL U2015 or INDUSTROL PLUS S2071, INDUSTROL PROFI U2129

Interior wood coating

1. 1 coat of impregnation LAZUROL CLASSIC S1023 (colourless) or UNIBAL LINSEED OIL O1000; 24 hours drying, grinding;
2. 1 or 2 coats of primer PRAGOPRIMER PLUS S2070. Recommended interval between coating 6 or more hours; grinding. Optimum thickness of one layer is 30 - 35 µm.
3. 1 or 2 coats of enamel LAZUROL OKNOBAL EMAIL U2015 or INDUSTROL PLUS S2071, INDUSTROL PROFI U2129.

Application

Brush, roller, spraying

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

0.6 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 II. 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.

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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.