

INDUSTROL[®] BOARD PAINT S2122

Interior enamel

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Composition Dispersion of inorganic and organic pigments and fillers in a solution of alkyd resins in organic solvents with addition of driers.

Characteristics and use The product is intended especially to create a special washable surface suitable for school boards and ping-pong tables. It is possible to use it also for coatings of steel, wood, chipboards, fibreboards and similar materials, only for interiors. Writing with chalk on the school blackboards is possible after perfect hardening of the coating, not sooner than after 5 days. The paint is not intended for exterior coatings exposed to weather.

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.

- ◆ perfectly smoothed surface
- ◆ accelerated drying
- ◆ deep matt

Application area Substrate: wood, chipboard, fibreboards, iron; the substrate must be treated with a suitable synthetic primer
 Environments: interior
 Examples: school blackboards, tables for table-tennis, small wooden and metal objects

Shades 0199 black, 0570 green

Physical properties	Flow time	> 120 s (cup Ford Ø 4 mm)
	Weight solids	> 60 %
	Volume solids	41 %
	Flash point	> 25 °C
	Density	1200 - 1450 kg/m ³

Emission limits	VOC: 0.40 kg/kg	TOC: 0.35 kg/kg
	Product subcategory: A/i	Threshold value (2010): 500 g/l
	Max. VOC content in ready to use state: 480 g/l	

Properties of dried coat	Gloss	degree 5
	Pendulum hardness / Persoz	up 8 % in 5 days
	Hiding power	degree 1

Drying time	Surface temperature	23 °C
	Dust free	up to 1 hour
	Dry through	up to 12 hours
	Dry film thickness DFT	40 - 60 µm

Spreading capacity	Wet film thickness WFT	100 - 120 µm
	Dry film thickness DFT	40 - 50 µm
	Theoretical spreading capacity	8 - 11 m ² /l per one layer

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

Surface preparation The timber surface must be clean, dry, well worn, moisture max. 12%, without rest of any resins. The metal substrate must be clean, dry, degreased, free of rust and dust, mechanically cleaned. Absorbent substrates must also be treated with a suitable impregnant and provided with a suitable base coat. Metal substrates must be provided with appropriate anticorrosive 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.

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Application conditions

Minimal air temperature for application is 5 °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 – 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.

For larger compact areas always use the material from the same batch. Using the same batch can guarantee the same shade of the colour.

Workflow

Properly mix before use, thin, if it is necessary.

The coating of a wood:

1. 1 coat of colourless LAZUROL CLASSIC S1023 or UNIBAL FERMEŽ NAPOUŠTĚCÍ O1000 or LAZUROL NAPOUŠTĚCÍ OLEJ S1039
2. it is recommended to wipe surface after 10-15 minutes with dry brush or cloth
3. grinding with a sandpaper No. 150 – 180 after 24 hours after penetration
4. 1 or 2 coats of INDUSTROL BOARD PAINT S2122, interval between two layers is 12 hours /23°C. Optimal thickness of one layer is 30 - 40 µm.

The coating of a metal:

1. 1 coat of primer PRAGOPRIMER STANDARD S2000, PRAGOPRIMER PROFÍ S2129 or PRAGOPRIMER UNIVERZAL S2035
2. grinding with a sandpaper No. 280 - 320 while wet
3. 1 or 2 coats of INDUSTROL BOARD PAINT S2122, interval between two layers is 12 hours /23 °C. Optimal thickness of one layer is 30 – 40 µm.

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; 5 l; 9 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.

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.