

## TECHNICAL DATA SHEET

### «DobroFarb» ALKYD ENAMEL

#### MAIN CHARACTERISTICS

**Alkyd enamel** – a weatherproof enamel with high anti-corrosion properties based on alkyd resin.

- Resistant to atmospheric exposure
- High resistance to washing with household detergents
- Bright colors, durable gloss
- Excellent adhesion to the surface
- Forms a strong, elastic film resistant to various operational load

#### PURPOSE

For painting ferrous metal surfaces exposed to weathering, UV radiation, water and detergents.

It can also be used for painting wooden, concrete, plastered and other surfaces indoors and outdoors.

Recommended for coating metal structures, equipment, fences, doors, garden tools, window frames, and similar surfaces.

The coating system, consisting of two coats of "DobroFarb" alkyd enamel and one coat of "DobroFarb" anti-corrosion primer, is resistant to operation in conditions of medium corrosive aggressiveness.

#### RELATED COMPONENTS

Solvent: «Miks color» Universal thinner  
«Miks color» Dearomatized thinner  
Xylene, solvent

#### TECHNICAL SPECIFICATIONS

<b>Type</b>	Alkyd
<b>Density</b>	(1,2 - 1,4) g/cm <sup>3</sup>
<b>Appearance of the dried coating</b>	Uniform, smooth surface
<b>Color</b>	According to standard factory samples; custom color matching available upon request
<b>Gloss</b>	Glossy

<b>Coating Thicknes</b>	<b>Maximum</b>	<b>Recommended</b>
Dry film thickness	30 μm	20–25 μm
<b>Consumption</b> (surface coverage per one coat)	5-7 m <sup>2</sup> /kg depending on the color of the enamel and the condition of the painted surface	

<b>Drying time of each coat</b> (at 20°C and 65% relative humidity), not more than	24 hours (dust-free after 2 hours)
<i>Drying time may be extended at lower temperatures and higher relative humidity.</i>	
<b>Recommended Number of Coats</b>	2-3

<b>Intercoat Interval</b>	The next coat should be applied after the previous layer has dried.
<b>Packaging</b>	0.8 kg, 2.8 kg, 22.0 kg

## SURFACE PREPARATION

**New surfaces:** Remove dust, dirt, rust, and other contaminants; degrease the surface. The surface must be clean and dry.

Metal surfaces should be primed with “DobroFarb” Anticorrosive Primer.

Wooden surfaces should be treated with “Miks Color” Universal Antiseptic (*if necessary*) and “Miks Color” VL-10 Pore Filler (*for highly absorbent surfaces*).

**Repair of old coatings:** Remove any peeling or flaking old coating, as well as contaminants; degrease the surface. The surface must be clean and dry.

## ENAMEL PREPARATION

Before use, stir the primer-enamel thoroughly. If necessary, dilute it with a solvent in an amount of up to 5% of the product’s mass.

## APPLICATION

**Application conditions:**

Air temperature should be not lower than +5°C; relative air humidity should not exceed 80%.

Painting is not recommended under direct sunlight or in windy conditions.

**Application method:**

Apply the primer-enamel with a brush, roller, or spray gun, avoiding runs, sags, and uncoated areas.

Apply the next coat after the previous layer has dried.

**Note:** For improved adhesion, light intercoat sanding with sandpaper is recommended.

## TOOL CLEANING

Remove any remaining enamel with an organic solvent, then wash with water and a detergent.

## STORAGE

Enamel should be stored in a tightly closed factory container. Keep out of reach of children. Protect from moisture, heating devices, and direct sunlight

Warranty period of storage: 24 months from the date of production.

## DISPOSAL

Do not spill liquid residues into drains, ponds or soil. Seal any remaining liquid product tightly and take it to an appropriate waste collection point.

## SAFETY RECOMMENDATIONS

The enamel is flammable. Keep away from fire!

*Complies with the requirements of:*

- Technical Regulation on limiting VOC emissions (A: subcategory 9(i), type (SB), Stage II, limit 500 g/L; the ready-to-use enamel contains no more than 390 g/L).

- Technical Regulation on limiting the use of lead in paints, coatings, and raw materials (*the enamel does not contain toxic lead compounds*).

During application and after completion of painting works, ensure thorough ventilation of the premises.

Use respiratory and hand protection (rubber gloves, respirator when spraying).

Refer to the Material Safety Data Sheet (MSDS) and product label.

## NOTES

A quality certificate is issued for each batch of the enamel.

This information is based on the expertise of our specialists, obtained through laboratory research and practical experience. We do not accept responsibility for the use of our products outside our control and guarantee only the quality of the material itself. We reserve the right to make changes without prior notice to customers.

The quality system complies with the DSTU EN ISO 9001 standard.