



TESSAROL enamel

USE

For the quality protection and decoration of metal and also wooden surfaces, such as windows, doors, fittings, wooden claddings, fences, constructions and simple furniture in interior and exterior rooms.

CHARACTERISTICS

- gloss top coating
- protection against rust by means of anticorrosive pigments
- good hiding power
- easy work – very easy application
- good sagging
- quick drying
- good elasticity and hardness
- good weather and light resistance
- stable gloss and colour shade
- resistance to cleaners, used in household

| TECHNICAL DATA | |
|----------------------------|---|
| PRODUCT TYPE | alkyd binder, solvent, pigment, anticorrosive pigment |
| COLOUR SHADES | white, 15 standard colour shades more than thousand according to colour cards HELIOMIX |
| TINTING | Mutual mixing of standard colour shades, HELIOMIX |
| GLOSS | gloss |
| DENSITY | 0,9 – 1,3 g / ml depending on colour shade |
| THINNING | ready for use |
| EU VOC category and limits | IIA (i), 500g/l (2010); product contains max: 399 g/l |
| PACKAGING UNITS | standard colour shades: 0,2 l, 0,75 l, 2,5 l, 10 l; HELIOMIX : 1 l, 10 l |
| SHELF LIFE | The shelf life of the originally closed and suitably stored product (temperature from +5°C to +35°C, dry room) is until the date, indicated on the packaging. |

| INSTRUCTIONS FOR USE | | | | |
|---------------------------------------|---|----------------------|----------------|---------------|
| APPLICATION | thinning | viscosity (DIN 4 mm) | nozzle | pressure |
| Brush, roller | / | | | |
| Spraying | | | | |
| <i>Airless</i> | / | as delivered | 0,23 – 0,28 mm | 120 – 160 bar |
| WORKING CONDITIONS | Temperature of paint, air and object min. +5°C | | | |
| DRYING (T = +20°C, rel. humidity 65%) | Powder dry approx. 5 hours, dry to touch 6 – 8 hours, dry for recoat 24 hours. At the lower temperature and higher rel. humidity the drying time will be prolonged. | | | |
| Coverage | Theoretically: 10 – 12 m ² with 1 l in one coat Practical use depends on the application method and the selected colour shade. | | | |
| Cleaning of tools | TESSAROL thinner | | | |

SURFACE PREPARATION

Wood surface

The content of humidity in conifers should not exceed 15%, in foliage plants 12%. Sand the dry surface and clean it, remove waxes, resins and grease with **NITRO thinner**.

Iron, steel surfaces

Remove rust mechanically, grease and other impurities with **NITRO thinner**.

Galvanised sheet metal, hard PVC

Clean surface with a mixture of water (10l), ammonium chloride (solution of ammoniac – 0,5l) and detergent (one cap) and sand with a sanding cloth made of synthetic fibres. Rinse rests of sanding with water thoroughly. The use of a wire brush and metal wool is not allowed!

Cooper, aluminium surface*

Clean surface with **NITRO thinner** and sand with a sanding cloth from synthetic fibres. The use of a wire brush and metal wool is not allowed!

The renovation of old coats

Clean and sand the undamaged coats, the damaged coats should be completely removed.



COATING SYSTEMS

| SURFACE | | SURFACE PREPARATION | IMPREGNATION | BASE COAT | TOP COAT |
|------------------------|-----------------------|---|---|------------------------------------|---------------------------|
| WOOD | interior | sanding, removal of impurities | / | 1x TESSAROL wood primer | 2x TESSAROL enamel |
| | exterior | | 1x BORI thin-layered stain with biocide | 2x TESSAROL wood primer | |
| IRON, STEEL | interior | removal of rust and impurities | / | 1x TESSAROL iron primer | |
| | exterior | | 2x TESSAROL iron primer | | |
| GALVANISED SHEET METAL | interior | removal of corrosion products and impurities | / | 1x TESSAROL universal paint | |
| | exterior | | 2x TESSAROL universal paint | | |
| COPPER, ALUMINIUM* | interior | | 1x TESSAROL universal paint | | |
| | exterior | | | | |
| HARD PVC | interior | removal of impurities | / | 1x TESSAROL universal paint | |
| | exterior | | | | |
| OLD COATS | exterior/ interior | cleaning,sanding and removal of damaged coats | 1x impregnation or 1 - 2x suitable base coat | 1 - 2x TESSAROL enamel | |

REMARKS AND SPECIFICS

- If you remove rust with the chemical agents (based on phosphor acid) you have to rinse surface thoroughly with water, dry and then apply **TESSAROL iron primer**, as the rests of chemical agents prevent drying.
- In the rooms with bad ventilation, strong odour after organic solvents may appear. Therefore we do not recommend alkyd binder based coats for painting of interior furniture parts.
- * prior to painting of aluminium base, beforehand test of adhesion of a coat to the cleaned surface is needed.
- At the application of coatings intermediate coat sanding with fine sanding pads is recommended for intermediate coat adhesion of coatings and better final treatment.