



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				
Airless	/	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.