



TESSAROL professional enamel

USE

For the protection against the most unfavourable weather conditions and decortation of wood and metal surfaces such as windows, doors, fittings, wood claddings, fences, constructions, simple furniture in the interior and exterior.

CHARACTERISTICS

- glossy final coating appearance
- excellent hiding power
- easy work – very simple application
- excellent sagging
- quick drying
- stable gloss and colour shade (white and light colour shades do almost not get yellow)
- good elasticity and hardness
- excellent weather and light resistance
- resistance to cleaners, which are used in household

TECHNICAL DATA	
COMPOSITION	modified alkyd binder, solvent, pigment
COLOUR SHADES	White
TINTING	with TESSAROL enamel
GLOSS	glossy
DENSITY	1,18 g / ml, depending on colour shade
THINNING	ready for application
EU VOC category and limits	IIA(d), 400g/l (2007); product contains: max. 390 g/l
PACKAGING UNITS	standard colour shades: 0,75 l, 2,5 l
SHELF LIFE	The shelf life of the originally closed and suitably stored product (temperature from +5°C to +35°C, dry room) is at least until the date as indicated on packaging.

INSTRUCTIONS FOR USE				
APPLICATION	thinning	viscosity (DIN 4 mm)	nozzle	Pressure
Brush, roller	/			
spraying				
<i>Airless</i>	/	delivery	0,23 – 0,28 mm	120 – 160 bar
WORKING CONDITIONS	Temperature of paint, air and facility should be minimally +5°C			
DRYING (T = +20°C, rel. hum. 65%)	Powder dry approx. 3 hours, dry to touch 5 – 7 hours, next coat after 16 hours At a lower temperature and higher relative humidity the drying time will be prolonged.			
COVERAGE	theoretically: in one coat 10 – 12 m ² of surface with 1 l Practical consumption depends on the treatment and type of surface, application method and the selected colour shade.			
CLEANING OF TOOLS	TESSAROL thinner			

PREPARATION OF SURFACE

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 (10 l), 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!

Renovation of old coatings

Clean and sand the undamaged coatings, remove damaged ones completely.



COATING SYSTEMS

SURFACE		SURFACE PREPARATION	IMPREGNATION	BASE COAT	FINAL COAT
WOOD	interior	sanding, Removal of impurities	/	1x TESSAROL wood primer	2x TESSAROL professional enamel
	exterior		1x BORI thin-layered stain with biocide	2x TESSAROL wood primer	
IRON, STEEL	Interior	Removal of rust and impurities nečistoč	/	1x TESSAROL iron primer	
	Exterior		2x TESSAROL iron primer		
GALVANISED SHEET METAL	Interior	Removal of corrosion products and impurities	/	1x TESSAROL universal primer	
	Exterior			2x TESSAROL universal primer	
COPPER, ALUMINIUM*	interior			1x TESSAROL universal basic paint	
	exterior				
HARD PVC	interior	Removal of impurities	/	1x TESSAROL universal basic paint	
	Exterior				
OLD COATS	Interior /exterior		1x impregnation or 1 – 2x suitable base coat	1 - 2x TESSAROL professional 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.