



TESSAROL universal primer UNI

USE

Universal primer for the protection of iron and steel surfaces, for galvanised sheet metal, copper, aluminium, hard PVC, as well as wood in the interior and exterior.

CHARACTERISTICS

- Excellent adhesion to different surfaces
- Protection of iron and steel surfaces against rust by means of anticorrosion pigments
- Quick drying – after 3 hours the application of **TESSAROL enamels**

TECHNICAL DATA	
COMPOSITION	special alkyd binder, solvent, pigment, anticorrosion pigment
COLOUR SHADES	white
TINTING	/
GLOSS	mat
DENSITY	1,4 g / ml
THINNING	TESSAROL thinner , max. 15 %
EU VOC category and limits	IIA(i), 500 g/l (2010); the product contains: max. 500 g/l
PACKAGING UNITS	0,75 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	if necessary – max. 5 %			
spraying				
air spraying	max. 15 %	approx. 30 s	1,2 – 1,5 mm	3 – 4 bars
airless	/	delivery	0,23 – 0,28 mm	120 – 160 bars
WORKING CONDITIONS	temperature of paint, air and facility should be minimally +5°C			
DRYING (T = +20°C, rel. hum. 65%)	Powder dry approx. 1 hour, dry to touch 2 hours, next coat after 3 – 4 hours At a lower temperature and higher relative humidity the drying time will be prolonged.			
COVERAGE	theoretically : in one coat 7 – 9 m ² of surface with 1 l Practical consumption depends on application method.			
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 (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!

Copper, 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		PREPARATION OF SURFACE	IMPREGNATION	BASIC COATING	FINAL COATING
WOOD	interior	sanding, removal of impurities	/	1x TESSAROL universal primer UNI	2x TESSAROL enamel or 2x TESSAROL professional enamel or 2x TESSAROL acrylic enamel
	exterior		1x BORI thin-layered stain with biocide		
IRON, STEEL	interior	removal of rust and impurities	/	1x TESSAROL universal primer UNI	2x TESSAROL enamel or 2x TESSAROL professional enamel or 2x TESSAROL enamel for radiators or 2x TESSAROL antique or 2x TESSAROL acrylic enamel
	exterior		2x TESSAROL universal primer UNI		
GALVANISED SHEET METAL	interior	removal of corrosion products and impurities	/	1x TESSAROL universal primer UNI	
	exterior		2x TESSAROL universal primer UNI		
COPPER, ALUMINIUM*	interior		1x TESSAROL universal primer UNI		
	exterior		1x TESSAROL universal primer UNI		
HARD PVC	interior	removal of impurities	/	1x TESSAROL universal primer UNI	
	exterior		1x TESSAROL universal primer UNI		
OLD COATINGS	interior / exterior	cleaning and sanding, removal of damaged coatings and rust	/	1-2x TESSAROL universal primer UNI	1-2x TESSAROL enamel or 1-2x TESSAROL professional enamel or 1-2x TESSAROL enamel for radiators or 1-2x TESSAROL antique or 1-2x TESSAROL acrylic enamel

REMARKS AND SPECIFICS

- Mix paint before use.
- * Before painting of aluminium surface a previous adhesion test of coating to a cleaned surface is needed.
- If you remove rust with chemical agents based on acid (phosphor), you have to rinse thoroughly with water, dry and apply afterwards **TESSAROL universal primer UNI**.
- **TESSAROL universal primer UNI** we do not recommend in system with **TESSAROL enamel for galvanised sheet metal**.
- In the rooms with bad ventilation a stronger odour after organic solvents may appear.