

TESSAROL ACRYLIC PRIMER UNI

AREA OF APPLICATION

Universal primer for the protection of iron and steel surfaces, galvanized steel metal, copper, aluminum and hard PVC indoors and outdoors.

PROPERTIES

- excellent adhesion onto different surfaces
- protection of iron and steel surfaces from rusting by means of anti-corrosive pigments
- quick-drying
- no unpleasant odors
- thinning with water

TECHNICAL DATA

COMPOSITION	acrylic dispersion, pigment, anti-corrosive pigment, fillers
COLOR SHADES	white
TINTING	
GLOSS	matt
DENSITY	1,4 g/ml
THINNING	water
EU VOC category and limits	IIA(j), 140 g/l (2010); the product contains: max. 140 g/l
PACKAGING UNITS	0,65 l
SHELF LIFE	The shelf life of an originally sealed and suitably stored product (temperature ranging from +5 °C to +35 °C, in a dry place) is indicated on the packaging. MUST NOT FREEZE.

INSTRUCTIONS FOR USE

APPLICATION METHOD	thinning	viscosity (DIN 4 mm)	nozzle	pressure
brush (synthetic)	if necessary			
roller (microfiber or felt)	if necessary			
spraying				
air spraying	5–10 %	approx. 50 s	1,2–1,5 mm	2–3 bar
WORKING CONDITIONS	the paint, air and surface temperature should be at least +8 °C, and air humidity under 80 %			
DRYING (T = +20°C, rel. humidity 65 %)	Dust dries in approx. 1 hour, touch dry in approx. 2–6 hours, recoatable after 6–8 hours. At lower temperatures and higher relative humidity the drying time is extended.			
COVERAGE	Theoretically: 8–10 m ² with 1 l in 1 coat. The practical coverage depends on the application method.			
CLEANING TOOLS	immediately after use with water, the dried paint with TESSAROL NITRO THINNER			

SURFACE PREPARATION

Iron, steel surfaces

Rust should be removed mechanically, while grease and other impurities should be cleaned with the **TESSAROL NITRO THINNER**.

Galvanized steel metal, hard PVC

Clean the surface with a mixture of water (10 l), ammonia solution (0,5 l) and detergent (one cap) and sand it with sanding cloth made of synthetic fibers. Clean the sanding remains thoroughly with water and dry. The use of a wire brush and metal wool is not allowed!

Hot-dip galvanized steel metal surface.

OBLIGATORY additional light sweep blasting.

Copper, aluminum surface*

Clean the surface with the **TESSAROL NITRO THINNER** and sand it with a sanding cloth made of synthetic fibers. The use of a wire brush and metal wool is not allowed!

Renovation of old coating

Undamaged coatings are to be cleaned and sanded; damaged coatings are to be removed completely.

COATING SYSTEMS

SURFACE		SURFACE PREPARATION	PRIMER	TOP COAT
IRON, STEEL	indoors	removing rust and impurities	1x TESSAROL ACRYLIC PRIMER UNI	2x TESSAROL ACRYLIC ENAMEL or 2x TESSAROL ACRYLIC ENAMEL FOR RADIATORS
	outdoors		2x TESSAROL ACRYLIC PRIMER UNI	
GALVANIZED STEEL METAL	indoors	removing corrosive products and impurities	1x TESSAROL ACRYLIC PRIMER UNI	
	outdoors		2x TESSAROL ACRYLIC PRIMER UNI	
COPPER, ALUMINIUM*	indoors		1x TESSAROL ACRYLIC PRIMER UNI	
	outdoors			
HARD PVC	indoors / outdoors	removing of impurities	1x TESSAROL ACRYLIC PRIMER UNI	
OLD COATINGS	indoors / outdoors	cleaning, sanding and removing damaged coatings and rust	1–2x TESSAROL ACRYLIC PRIMER UNI	1–2x TESSAROL ACRYLIC ENAMEL or 1–2x TESSAROL ACRYLIC ENAMEL FOR RADIATORS

NOTES AND SPECIAL FEATURES

- At a working temperature lower than +8 °C, the coating film will not be formed.
- * Before painting the aluminum substrate, a preliminary test of adhesion of the coating onto the cleaned surface is required.