



COLOR ACRYLIC ENAMEL

AREA OF APPLICATION

For the quality protection and decoration of metal and also wooden surfaces, such as windows, doors, fittings, wooden coverings, fences, structures, simple furniture in interior spaces and outdoors.

CHARACTERISTICS

- satin top coat
- quick-drying
- thinning with water
- no unpleasant odours
- stable gloss and colour shades (light shades do yellow with time)
- good weather- and light resistance
- easy to work with
- resistant to household cleaning agents

TECHNICAL DATA	
COMPOSITION	Acrylic dispersion, pigmented
COLOR SHADES	White + 8 shades according to the RAL colour chart
TINTING	Mixing of standard shades
GLOSS	Satin
DENSITY	1.1 - 1.2 g/ml depending on the shade
THINNING	With water, if required
EU VOC category and limits	IIA(d), 130 g/l (2010); the product contains: max. 50 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.

INSTRUCTIONS FOR USE				
APPLICATION METHODS	Thinning	viscosity (DIN 4 mm)	nozzle	pressure
Roller, brush	Not required	/		
Air spraying	5 - 10%	50 - 100s	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%)	Dry dust-free in approx. 1 hour, feels dry in 2 - 3 hours, apply the following layer after 6 - 8 hours At lower temperatures and higher relative humidity the drying time is extended.			
COVERAGE	Theoretically: 9 - 11 m ² with 1 l and one application. The actual consumption depends on the treatment, type of surface, quality of application and also the chosen color shade.			
CLEANING TOOLS	With water, the dried paint with COLOR NITRO THINNER			

SURFACE PREPARATION

1. Iron, steel surfaces

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

2. Wooden surface

The humidity must not exceed 15% for coniferous trees, and 12% for deciduous trees. The dry surface is to be sanded and cleaned, and any wax, resin or grease should be removed with **COLOR NITRO THINNER**.

3. Renovation of old coating

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

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COATING SYSTEMS

SURFACE		SURFACE PREPARATION	PRIMER	TOP COAT
IRON, STEEL	indoors	removing rust and	1x COLOR ACRYLIC PRIMER FOR METAL	2x COLOR ACRYLIC ENAMEL
	outdoors	impurities	2x COLOR ACRYLIC PRIMER FOR METAL	
WOOD	indoors	sanding	1x COLOR ACRYLIC PRIMER FOR WOOD	
	outdoors	removing impurities	2x COLOR ACRYLIC PRIMER FOR WOOD	
OLD COATINGS	indoors / outdoors	cleaning, sanding and removing damaged coatings	1 - 2x suitable primer	1 - 2x COLOR ACRYLIC ENAMEL

NOTES AND SPECIAL FEATURES

- At a working temperature lower than 8 °C, the coating film will not form.
- When coating wood that contains water-soluble painted composites (oak, chestnut, and gnarls on coniferous trees ...) the surface may after some time yellow - we recommend using COLOR ACRYLIC PRIMER FOR WOOD. Primer blocks water-soluble substances, which prevents the formation of yellow spots when coating oak or chestnut, and slows down the yellowing of knots on coniferous trees.
- When applying coatings, interlayer sanding with fine sanding sponges is recommended to achieve interlayer coating adhesion and a more beautiful final appearance.