

**5-year anticorrosion protection**

**Great adhesion and durability**

**Perfect smooth surfaces**

**Excellent coverage**

**Very good levelling and flow**

## DESCRIPTION

Primalox Metal Primer is quality alkyd based primer that provides long-term protection against rust in interior or exterior. Provides excellent adhesion to surface and the subsequent topcoat.

The formulation does not contain aromatic hydrocarbons and lead for safer results. The primer creates the perfect base for recoating with Primalox Enamel.



### RECOMMENDED USE

Intended for new and renovation undercoat coatings for all iron and steel surfaces. Suitable to coat pipes, structural steel surfaces, cast iron surfaces, metal fences, pipes or furniture or pre-treated metal covering panels and for the temporary protection of machine parts.



### SURFACE PREPARATION

Check adhesion of old coating on metal and steel surfaces prior to priming the surface. If more than 20 % of the surface is corroded, it is recommended to re-coat the entire surface. If less than 20 % of the surface is corroded, remove existing rust or millscale mechanically (e.g. sandpapering, wire brushing, sandblasting, etc.). All surfaces to be painted must be dry and clean, free from waxes, grease and incoherent particles. Degrease surface afterwards. Use water containing degreaser. Do not use cloth saturated with diluent, otherwise, stains of grease may remain on the surface. The quality and life of the paint depends on the degree of cleaning and degreasing of the surface.

### Metal (galvanized, aluminium, steel)

The surface must be perfectly cleaned before application, free of incoherent particles of non-adhesive old coatings, rust and then thoroughly degreased with a suitable degreasing agent and subsequently rinsed with water. Adhesion to aluminium should be checked in advance.



### PREPARATION OF THE PRODUCT

Stir carefully in the container. The product is ready for use as sold. If dilution is necessary, use max. 2 % of synthetic diluent for application by brush and max. 10 % of the same type of diluent for pressurized air spraying. Necessary amount of the paint is determined by square meters to be painted, specific surface and average spreading rate. If more than one can of a paint is to be used in the same area, intermix before use.



### APPLICATION

Easy to apply by brush or roller. Also suitable for application by spray. When using a roller, do not overfill the tray. Ensure roller is loaded evenly. If using a brush, load generously. Apply liberally and evenly, avoid overspreading. To achieve the highest corrosion protection apply in 2 - 3 layers in the interval of 8 hours, at surface and ambient temperature in the range of 5°C to 25°C. Recommended dry film thickness is 40 µm.



### APPLICATION

Recoat Primalox Metal Primer with solvent based top coat Primalox Wood & Metal Enamel. The temperature of the surface and the air must not fall below 5°C. Relative air humidity should not exceed 75 %. Insure good ventilation during application and drying. For spraying, the spraying parameters should be adjusted specifically to the given type of device.

### Applicable adjustments for airless spraying

Nozzle:	0.009" - 0.011"
Pressure:	180 - 200 bar
Nozzle axis:	25° - 65°

No dilution is required.

### For air impact spraying

Nozzle:	1.5 - 2 mm
Pressure:	2 - 4 bar
Dilution:	5 - 10 %
Efflux time with beaker DIN 4:	30 - 50 sec



### DRYING TIME

Surface, humidity and temperature considerably influence the drying time and applicability of the second coat. In case of higher moisture, thicker layers and of lower temperature the drying time is prolonged. At +23°C and up to 65 % relative humidity, the surface will be touch dry after about 1 hour and will be recoatable after 8 hours. The layer is considered to be completely cured within 24 hours provided the thickness of the wet paint layer is not more than 100 µm.



### CLEANING

Wash off any splashes immediately before they dry. Remove as much product possible from application equipment before cleaning. Replace lid firmly. Clean equipment immediately after use with synthetic diluent or white spirit and rinse thoroughly. Some local authorities have special facilities for the disposal of waste coatings. Do not empty into drains and watercourses.



### TRANSPORTATION & STORAGE

To avoid risk of spillage, always store and transport in a secure upright position. Store at the temperatures from +5°C to +35°C. Protect from sunlight and frost. If stored as prescribed in closed container the product will retain its utility characteristics at least by the date printed on the packaging.



**HEALTH & SAFETY**

Detailed health & safety information is available in Safety Data Sheet that can be downloaded at our website [www.primalex.eu](http://www.primalex.eu).



**TECHNICAL PARAMETERS**

COVERAGE in 1 layer	10 m <sup>2</sup> /l
DENSITY (g/cm <sup>3</sup> )	1,29 – 1,33
CONTENT OF NON-VOLANTILE SUBSTANCES (%)	max. 65 – 69
SPREADING RATE	10,4 m <sup>2</sup> /l

**AVAILABILITY**

COLOURS	white
FINISH	matt
PACKAGING	0,75 L