

## Technical Data Sheet

# AQUALUX METAL PRIMER

*anti-corrosion primer*



### Description

AQUALUX METAL PRIMER is anticorrosive coating for metal surfaces based on high-quality water-soluble alkyd resin, anticorrosive pigments, fillers, additives and water.

### Typical use

It is applied as a primer for metal substrates that are partially or permanently exposed to weather conditions under normal circumstances, before *AQUALUX TOPCOAT*, a topcoat for wood and metal.

### Product range

oxide red, grey

### Gloss

Matte

### Density

1.30 – 1.35 kg/l (EN ISO 2811-1)

### Thinning

Water

### Non-volatile-matter content

**by weight:** 52±3 %

**by volume:** 36 – 42 % (EN ISO 3251)

### Volatile organic compounds content

VOC: A(d), 130 g/l; max. 50 g/l (EN ISO 11890-1)

### Compatibility

**Previous coats:** -

**Subsequent coats:** *AQUALUX TOPCOAT*

### Surface preparation

Prior to application of primer is necessary to prepare the substrate surface (all impurities, corrosion and fats must be removed).

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### Safety measures

Read the Safety Data Sheet before use.

Prevent leakage and spillage into watercourses and drainage systems. Wear appropriate protective equipment when using. Keep out of reach of children.

### Material preparation

Stir well before use!

Different production batches must be equalized before use.

### Application

The primer can be applied by brush, roller or air spraying.

Spraying viscosity: 25 – 30 " acc. EN ISO 2431, DIN 4/20 °C.

Brush, roller viscosity: If needed dilute with conventional water.

After use, thoroughly wash the used tools with water.

For any additional information, please contact a Chromos-Svjetlost technical advisor.

### Working conditions

**air temperature:** min. +10 °C, max. 25 °C

**relative humidity:** max. 75 %

**substrate temperature:** min. +10 °C, max. 25 °C

### Spreading rate and film thickness

|         | dry film thickness [μm] | wet film thickness [μm] | theoretical spreading rate [m <sup>2</sup> /l] |
|---------|-------------------------|-------------------------|------------------------------------------------|
| typical | 30                      | 80                      | 10 – 12                                        |

### Drying time

| surface temperature<br>[°C] | touch dry<br>[h] | through dry<br>[h] | overcoating interval |          |
|-----------------------------|------------------|--------------------|----------------------|----------|
|                             |                  |                    | min. [h]             | max. [d] |
| 20                          | 1 – 2            | 5                  | 2 – 3                | 7 – 14 * |

\* If time is exceeded the paint surface needs to be slightly grinded by sand paper, all impurities have to be removed.

### Shelf life

3 years from production date in unopened package.

### Storage conditions

Store in a dry and well-ventilated place out of direct sunlight and at a temperature between +5 °C and +25 °C. Protect from freezing during winter.

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## Product and packaging disposal

Empty the packaging completely. Dispose of in accordance with valid regulations.

## Quality control

Product quality characteristics are determined by internal production specifications, as well as European and Croatian standards. The product is under constant supervision of factory quality control and a corresponding certificate can be issued upon request.

## Disclaimers

Before using the product, please check its quality. In case of any major deviations from the declared properties of the product, stop the use and contact the manufacturer; otherwise any subsequent complaints will not be accepted.

Technical data are the result of our technical and experimental knowledge, and are provided with the intention of achieving optimal results in working with Chromos-Svjetlost products. The data does not contain a legal or secondary obligation of the manufacturer nor does it release the user from the obligation to check the suitability of the product for particular purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible for individual deliveries. Contact our Technical service before use on substrates not listed in the accompanying documentation. The manufacturer reserves the right to make any subsequent changes to the Technical Data Sheet. Only the latest edition is valid. Updated Technical Data Sheets can be found on the website [www.chromos-svjetlost.hr](http://www.chromos-svjetlost.hr) or can be requested from the manufacturer via the contact e-mail address below. Contact our Technical service for more detailed information. Read the safety labels on the product packaging before use. Safety Data Sheet is available on request via e-mail: [msds@chromos-svjetlost.hr](mailto:msds@chromos-svjetlost.hr).

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