



## TECHNICAL DATA SHEET

### PROALKYD S

#### Product description

**PROALKYD S** is one-component, modified, alkyd fast drying paint, with quality pigments, specially selected additives, intended for varnishing various industrial products resistant to atmospheric influences. It is set for application by immersion. It is used as a single-layer coating.

#### Purpose of the product

The product is used as a single-layer coating for the protection of steel surfaces that are used under normal conditions of exploitation or in a milder industrial atmosphere. Recommended for protecting building supports, metal lattice and other items suitable for immersion.

#### Technical data

Viscosity:	min.90 sec. F/4/20°C
Density :	1.35-1.45 g/cm <sup>3</sup>
Colour :	Red oxide, grey, or according RAL
Volume solids :	min. 51 %
Dry film thickness :	30 to 40 µm
Theoretical consumption:	9 m <sup>2</sup> /kg for 40 µm
Thinning	1 : 0,5 to 1 : 1 by volume
Drying, at t=20° C, rh=80%	
on dust :	15 min
on touch:	30 min
full drying :	24 h
Gloss	Mat and semi-mat

#### Surface preparation

Before application, the surface must be dusted, degreased and dry, free of corrosion products and other impurities. It is recommended to prepare the surface by sandblasting to degree of purity Sa 2.5 according to the standard ISO 12944-4, or mechanically cleaned to degree St 3.

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# PROHEMA

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### Application data

Thinner: Thinner for PROALKYD S  
Conversion factor, wet/dry film : 1.92

**Application:** Immersion (immersion of elements in diluted paint)  
Prepared objects are immersed in the prepared paint in the tub. Prepare the paint by diluting it with Thinner for PROALKID S to the required viscosity. Add the thinner gradually with constant mixing to prevent sudden precipitation (so-called pigment shock).

**Application conditions:** Atmosphere temperature +5 to +35° C  
Substrate temperature min. 3°C above dew point.  
r.h. = max 80 %

**Intercoat interval :** min. 2 h  
max. 16 h or after 7 days (without activated surface)

### Storage

Two years in the original packaging in a closed and dry place at a temperature of 25°C.

### Safety precautions

Safety at work and fire protection are obligatory during the handling with this product. It is necessary to abide to instructions and safety data sheets of the manufacturer.

The technical data are given in order to optimally use the product.  
For all necessary information, contact the manufacturer

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