

# TEKNOLAC PRIMER 0168-06

## Alkyd Primer

**PAINT TYPE** TEKNOLAC PRIMER 0168-06 is an air-drying, alkyd-borne primer that contains active anticorrosive pigments.

**USAGE** Priming steel constructions for indoor and outdoor use.

**SPECIAL PROPERTIES** The paint dries quickly and has excellent anticorrosive properties. It is used as anticorrosive paint in painting systems with top-coat. The paint will improve the adhesion to the substrate. It has very good application properties.

### TECHNICAL DATA

**Solids (ISO 3233)** 48 ±2 % by volume

**Total mass of solids** abt. 830 g/l

**Volatile organic compound (VOC)** abt. 470 g/l

<b>Recommended film thickness and theoretical spreading rate</b>	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m <sup>2</sup> /l)
		40	83
	80	166	6,0

As many of the paint's properties will change if too thick coats are applied, it is not recommended that the product is applied to a film thickness that is more than double of the thickest recommended film.

**Practical spreading rate** The values depend on the application technique, surface conditions, overspray, etc.

**Drying time at +23°C / 50% RH (dry film 40 µm)**

- dust free (ISO 9117-3:2010) after 20 min

- touch dry (ISO 9117-5:2012)

- forced drying after 20 min  
80°C / 15 min

**Overcoatable, 50% RH (dry film 40 µm)**

**by itself, the TEKNOLAC series, the  
TEKNOSYNT series or the TEKNOLAC COMBI  
series**

<b>+5°C</b>		<b>+23°C</b>
min.	after 4 h	after 40 min
max.	-	-

The values given for drying times and overcoatability may vary depending on film thickness and drying conditions.

Increase in film thickness and rise in the relative humidity of the air in the drying space usually slow down the drying process.

**Thinner, clean up** TEKNOSOLV 9502, TEKNOSOLV 1639

**Finish** Full-matt

**Colours** Red-brown. Other colours by agreement.

**SAFETY MARKINGS** See Safety Data Sheet.

NOTE! Because of the danger of self-ignition, any waste from the product, spray mist and soiled rags etc. are to be kept in a fire-proof place in air-tight containers. Immersion in water is also recommended.

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**DIRECTION FOR USE****Surface preparation**

Remove from the surfaces any contaminants that might be detrimental to surface preparation and painting. Remove also water-soluble salts by using appropriate methods. The surfaces are prepared according to the different materials as follows:

**STEEL SURFACES:** Remove mill scale and rust by blast cleaning to preparation grade Sa 2½ (standard ISO 8501-1). Roughening the surface of thin-plate improves the adhesion of the paint to the substrate.

**OLD PAINTED SURFACES SUITABLE FOR OVERCOATING:** Any impurities that might be detrimental to the application of paint (e.g. grease and salts) are removed. The surfaces must be dry and clean. Old, painted surfaces that have exceeded the maximum overcoating time are to be roughened as well. Damaged parts are prepared in accordance with the requirements of the substrate and the maintenance coating.

The place and time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before the subsequent treatment.

**Prefabrication primer**

KORRO PVB, KORRO E Epoxy and KORRO SS Zinc Silicate Prefabrication primers can be used, when required.

**Application**

Before use stir the paint thoroughly.

Apply preferably by airless spray (nozzle 0.013 - 0.018"). The paint is sprayed evenly to the specified film thickness. Special care should be taken when spraying edges, corners and welding joints. Small areas can also be painted with a brush, but in this case one additional coat has to be applied in order to achieve the specified film thickness.

**Application conditions**

The surface to be painted has to be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C and the relative air humidity below 80%.

**ADDITIONAL INFORMATION**

The storage stability is shown on the label. Store in a cool place and in tightly closed containers.

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The information of this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos data sheets, material safety data sheets and system sheets are on our home pages [www.teknos.com](http://www.teknos.com).

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