

DS 089

# TEKNOCRYL PRIMER 3 - 11

## Vinyl-Acrylate Primer

3 01.01.2017

### PAINT TYPE

TEKNOCRYL Primer 3 - 11 is a 1-pack, thixotropic, anticorrosive primer. Paint contain micaceous iron oxide and active pigment zinc phosphate.

### USAGE

The paint is used as a primer for galvanised steel and steel construction subject to category of corrosion C3 and C4.

### SPECIAL PROPERTIES

Fast drying paint, matt coat with excellent adhesion to steel and galvanised steel substrates, flexible and mechanically resistant.

### TECHNICAL DATA

#### Solids

51±2% by volume

#### Total mass of solids

abt. 1080 g/l

#### Volatile organic compound (VOC)

abt . 440 g/l

#### Recommended film thickness and theoretical spreading rate

Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m <sup>2</sup> /l)
80	157	6,3
100	196	5,1
120	235	4,2

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 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 80µm)

dust dry  
- touch dry

after 1 h  
after 1,5 h

#### Overcoatable, 50% RH (dry film 80µm)

by itself, by TEKNOCRYL 100 3-11	
temperatura	+23 °C
min.	4 h
max.	unlimited

Given times relates to the recommended coating thickness, drying in good ventilation conditions. These times may change with a change of temperature, humidity, ventilation and the thickness of the coating. 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 779, TEKNOSOLV 1640 ,TEKNOSOLV 1639

#### Finish

Matt

#### Colours

250 – red oxide, 820 – light grey  
Others colours by agreement.

#### SAFETY MARKINGS

See Safety Data Sheet.

**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:

- It is recommended that new zinc-coated structures are treated with sweep- blast cleaning (SaS). Galvanised steel should be contaminant-free and dry.
- Hot dip galvanized steel surfaces that are exposed to atmospheric corrosion can be painted if the surfaces are sweep blast cleaned (SaS) till matt all over. Suitable cleaning agents are e.g. aluminium oxide and natural sand. The surfaces for painting should be dry, dust-, grease- and salt-free.
- Steel surface should be cleaned to preparation grade at least St 3/ Sa 2 (standard ISO 8501) for construction exposed to atmospheric condition.
- Old painted surfaces suitable for overcoating, degreased and free from other contaminants, dry. It is recommended to wash all surface with water with addition of suitable cleaning agent, and next rinse with clean water.

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.

**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 0°C and the relative air humidity below 80%.

Additionally the temperature of the surface to be painted and the paint must be at least 3°C above the dew point of the ambient air.

**Application**

Before use stir the paint thoroughly.

Apply by airless spray or brush.  
Use airless spray nozzle 0.019 - 0.025".  
Nozzle pressure 20-25 MPa.

**ADDITIONAL INFORMATION**

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

Additional instructive information for surface preparation can be found in standards EN ISO 12944-4 and ISO 8501-2.

---

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).

---