

DS 063

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# UNIWIN W

## Vinyl Primer

<b>PAINT TYPE</b>	UNIWIN W is a 1-pack, vinyl primer that contains active anticorrosive pigments.
<b>USAGE</b>	The paint is used as anticorrosive primer. For steel constructions exploited in urban and industry atmosphere.
<b>SPECIAL PROPERTIES</b>	UNIWIN W creates coating, with good adhesion to steel surface, flexible and mechanically resistant.

### TECHNICAL DATA

<b>Solids</b>	40±2% vol.		
<b>Total mass of solids</b>	abt. 860 g/l		
<b>Volatile organic compound (VOC)</b>	abt. 490 g/l		
<b>Recommended film thickness and theoretical spreading rate</b>	Dry film (µm) 40	Wet film (µm) 100	Theoretical spreading rate (m <sup>2</sup> /l) 10,0

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 40µm)**  
 - dust free  
 - touch dry

after 1 h  
 after 2 h

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

by itself	
temperatura	+23 °C
min.	3 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** Thinning is not recommended. In exceptional circumstances use TEKNOSOLV 1639, TEKNOSOLV 779

**Clean up** TEKNOSOLV 1639, TEKNOSOLV 779

**Finish** Matt

**Colours** 820 – light grey

**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. Before cleaning of surface it is recommended to wash it with water with addition of OLICLEAN 123 and then rinse with fresh water.

**STEEL SURFACES:** Remove mill scale and rust by blast-cleaning to preparation grade Sa 2½ for constructions used in immersion and in the aggressive environment, when long term protection is needed or by treating mechanically to preparation grade St 3 (ISO 8501-1) 3 for constructions used in atmospheric conditions. Roughening the surface of thin-plate improves the adhesion of the paint to the substrate.

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 minimum temperature of the surface shall be above -10°C (frost- and ice-free surface), at least 3°C above the dew point of the ambient air, good ventilation.

**Application**

Before use stir the paint thoroughly.

Apply by airless spray or brush.

Depending on application and type of construction other thickness of a single layer can be assumed instead of recommended. Typical dry film thickness range using airless spray is from 20 to 80 microns. Changing the thickness of the coating changes the theoretical consumption, wet film thickness, weight of dry coating, drying time, time of recoating and finishing work.

Use airless spray nozzle 0.013 - 0.019".  
Nozzle pressure 10-15 MPa.

**Overcoating**

It is recommended vinyl or acrylic paints Teknos.

**ADDITIONAL INFORMATION**

The storage stability is shown on the label.

Must be stored tightly closed and kept cool and dry.

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

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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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