

TEKNOZINC SP
Zinc Rich Paint

PAINT TYPE	TEKNOZINC SP is a physically drying, one-pack zinc rich paint.
USAGE	TEKNOZINC SP is intended for painting internal and external steel surfaces either alone or as a primer in painting systems (i.e. K5) new painting and in maintenance painting.
SPECIAL PROPERTIES	The paint protects steel cathodically, like zincing. It withstands dry heat up to about +200°C.

TECHNICAL DATA

Solids	40 ±2% by volume		
Total mass of solids	abt. 1700 g/l		
Volatile organic compound (VOC)	abt. 540 g/l		
Recommended film thickness and theoretical spreading rate	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m ² /l)
	40	100	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 40 µm)
- dust free (ISO 9117-3:2010) after ¼ h
- touch dry (ISO 9117-5:2012) after ½ h
Overcoatable (dry film 40 µm)

by itself and by
paints suitable for galvanized surfaces, e.g.
**TEKNOCHLOR PRIMER 3, TEKNONYL PRIMER 3, TEKNOCRYL
PRIMER 3, TEKNOPLAST HS 150,
INERTA 51 MIOX and INERTA PRIMER 5**

surface temperature	min.	max.
-10°C	after 6 h	-
+5°C	after 3 h	-
+23°C	after 1 h	-

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 6560 or as a slow thinner TEKNOOLV 9526
Finish	Matt
Colours	Grey
SAFETY MARKINGS	See Safety Data Sheet.

PTO

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 2 (ISO 8501-1).

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 SE Zinc Epoxy Prefabrication Primer and KORRO SS Zinc Silicate Prefabrication Primer can be used, when required.

Application conditions

The surface to be painted must be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above -10°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 brush or airless spray. Use airless spray nozzle 0.015 - 0.021".

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.



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