

TEKNOZINC SP

Zinc rich paint

TEKNOZINC SP is a physically drying, one-pack zinc rich paint.

TEKNOZINC SP is intended for painting internal and external steel surfaces either alone or as a primer in new painting and in maintenance painting.

The paint protects steel cathodically, like zincing. It withstands dry heat up to about +200°C.



TECHNICAL DATA

Recommended substrate	Steel						
Binder	Zinc dust						
Solids	40 ±2% by volume						
Total mass of solids	Approx. 1700 g/l						
Volatile organic compound (VOC)	Approx. 540 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.						
Theoretical spreading rate	<table border="1"><thead><tr><th>Dry film (µm)</th><th>Wet film (µm)</th><th>Theoretical spreading rate (m²/l)</th></tr></thead><tbody><tr><td>40</td><td>100</td><td>10</td></tr></tbody></table> <p>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.</p>	Dry film (µm)	Wet film (µm)	Theoretical spreading rate (m ² /l)	40	100	10
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Practical spreading rate	The values depend on the application technique, surface conditions, overspray, etc.						
Colours	Grey.						
Gloss (60°)	Matt						
Thinner	TEKNOSOLV 6560 or as a slow thinner TEKNOOLV 9526.						
Storage	The storage stability is shown on the label. Store in a cool place and in tightly closed containers.						

DIRECTION FOR USE

Surface preparation

Remove from the surfaces any contaminants that might be detrimental to surface preparation and application. 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.

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

Prefabrication primer: KORRO SE Zinc Epoxy and KORRO SS Zinc Silicate Prefabrication Primers can be used, when required.

Application method Airless spraying, Brush
 Suitable airless nozzle size 0.015 - 0.021".

Application Stir thoroughly before use.

Application conditions The surface to be treated must be dry. During the application and drying period the temperature of the ambient air, the surface and the product shall be above -10°C and the relative air humidity below 80%. Additionally, the temperature of the surface to be treated and the product must be at least +3°C above the dew point of the ambient air.

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

- dust free ¼ h (ISO 9117-3:2010)

- touch dry ½ h (ISO 9117-5:2012)

Overcoatable

surface temperature	by itself and by paints suitable for galvanized surfaces, e.g. TEKNOPLAST HS 150, INERTA 51 MIOX and INERTA PRIMER 5	
	min.	max.
-10°C	6 h	-
+5°C	3 h	-
+23°C	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.

Cleaning TEKNOSOLV 6560

HEALTH AND SAFETY

Safety and precaution measures See safety data sheet.

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