

## TECHNICAL DATA SHEET

### ZINCON 2021

The Galvanizing System ZINCON 2021 is a single coating system enriched with 99.995 special high grade zinc. Air cured dry film provides cathodic protection of ferrous metals. It is as a special system as a replacement to hot-dip galvanization. Zincon 2021 provides active protection against corrosion for all metallic surfaces and is available in a color shade matched to the galvanization. With zincon flaky metal layer settle parallel to the surface in several, spatially displaced layers on the substrate. Even when the layer thickness is low a high corrosion protection is achieved. This protects the surface longer from penetrating moisture.

It can be applied by brushing, rolling or spraying on a clean and rough substrate in a wide range of atmospheric circumstances.

Also available as Zincon 2021 spray.

#### SPECIFICATIONS

<b>Color shade / level of brilliance</b>	Galvanized / metallic shine
<b>Binder</b>	Alkyd resin
<b>Metal source</b>	Zinc 99.995
<b>Specific weight</b>	1,25 g/cm <sup>3</sup>
<b>Percentage of metal in dry film</b>	50%
<b>Spray consistency</b>	10 % Zincon solvent
<b>Consumption (DFT 60 Micron)</b>	290-320 gms/ M.sq
<b>Consumption (DFT 120 Micron)</b>	580-640 gms/ M.sq
<b>Touch dry</b>	60 mins
<b>Job Movement</b>	120 mins
<b>Re Coat</b>	12 Hrs.
<b>Complete cured</b>	24 Hrs.
<b>Minimum coating thickness</b>	25-30 Microns
<b>Salt Spray test (ASTM B 117)</b>	180-200 Hrs.

#### SURFACE PREPARATION

Clean the material surfaces and degrease. Use Zincon degreaser for better compatibility. Zincon 2021 should at the latest be applied one hour after pre-treatment by e.g. sand blasting, sanding, cleaning or degreasing. Temperature differences between the surface and the air should be kept as small as possible, as otherwise, there is a risk that condensation

#### APPLICATION

Allow the container to reach room temperature (+20°C) and stir the sediment at the bottom of the container well. Apply Zincon 2021 evenly with spray, brush or roller. Whilst processing, stir at regular intervals so that the zinc and organic matter are homogenous. High processing temperatures up to +30°C (max.) and low levels of air humidity help to create an even application and an optimum surface structure.

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#### STORAGE

Keep away from sources of ignition - No smoking Take precautionary measures against static discharges. Keep in closed original container. Do not store with combustible materials. Store container at cool and aired place. Protect from heat/overheating.

#### NOTE

Any product specifications and recommendations given herein must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. The user bears the only responsibility for non-appropriate or other than specified applications.

#### HEALTH AND SAFETY

When using Zincon 2021, safety technical, toxicological and ecological data and regulations in safety data sheets must be observed.