



# Marathonit 2K EP Zinkphosphat

## 2K EP-based corrosion preventing primer

### General data:

Zinc phosphate containing corrosion preventing primer

### Usage:

Application on steel substrates and existing 2K coatings

### Product characteristics:

Fast curing, high adhesion, good hiding power

<b>Color shades:</b> White, redbrown, sand yellow	<b>Consumption:</b> (theoretically, depending on color shade) approx. 267 g/m <sup>2</sup> at 80µm dft approx. 167 ml/m <sup>2</sup> at 80µm dft Min. dft: 50µm	<b>Application:</b> Brush, Roller, Airless, HVLP Base (A) and hardener (B) must be mixed properly prior to usage!	<b>Trading units:</b> 10 kg (A+B combined)
<b>Chemistry:</b> Epoxy	<b>Gloss level:</b> Matt	<b>Thinner:</b> Imparat Spezialverdünnung V16	<b>Temperatur resistance:</b> Max. 80°C (short!)
<b>Substrate preparation:</b> Substrate needs to be dry and clean. Defects needs to be prepared according. DIN EN ISO 12944-4. ST2.	<b>Climatic conditions:</b> Air- and object temperature needs to be between +10°C and +30°C. Rel. Humidity max. 85%. Object temperature must be higher then +3°C of the dew point	<b>Drying times ( at +20°C 65% rel. Humidity; other conditions can influence the drying times):</b> Dust dry: approx. 1 hr. Touchable : approx. 2 hrs. Overcoatable: min. 6 hrs., max. 72 hrs. (longer times will require an additional sanding prior to following applications) Fully stressable: 7 days	<b>Build-up recommendation:</b> <b>1-2x Marathonit 2K EP Zinkphosphat, 80µm dft / layer</b> 1-2x Marathodur PUR Industrie-coating, 50µm dft / layer  Optional: 1-2x Marathodur PUR Acryl Deckbeschichtung, 50µm dft / layer
<b>Application datas:</b>	<b>Roller/Brush:</b> To achieve the correct film thickness multiple layers needs to be applied	<b>Airless:</b> Pressure: 150-250 bar Nozzle: 0,017-0,023 inch Layers: 1 Thinner: max. 5%	<b>Mixing ratio:</b> 85:15 by weight with Härter für Marathonit <b>Pot-life:</b> approx. 8 hrs. at 20°C <b>Pre-reaction time:</b> approx. 10min. at 20°C
<b>Density (+20°C):</b> approx. 1,6g/ml (depending on color shade)	<b>Viscosity (+20°C):</b> Thixotrope	<b>Volume of solid content:</b> approx. 48% (depending on color shade)	<b>Fertilityt:</b> (theoretically, depending on color shade) approx. 3,75 m <sup>2</sup> /kg at 80µm dft approx. 6 m <sup>2</sup> /l at 80µm dft
<b>Storage condition:</b> Storage at cool, dry conditions, Durability in sealed trading units: 12 Months.	<b>VOC Content:</b> Approx. 370g/l (depending on color shade)	<b>Cleaning with:</b> Imparat Spezialverdünnung V16	<b>Additional informations:</b> Information according the products safety can be found in the MSDS.

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