

# Kramp Synthetic paint

2024/07

## Kramp Synthetic resin paint

### USER MANUAL

#### Treatment advice:

It is important to stir the contents well before use in order to obtain the correct colour.

When painting larger objects, we recommend mixing all the required paint in one go to prevent differences in colour.

It is preferable to apply the paint using conventional spray equipment, or compressed or airless spray equipment, although a brush or roller may also be used.

When spraying the Kramp synthetic resin primer, it needs to be diluted by 10–20% with Kramp thinner. When using a brush or roller, the paint can be applied undiluted.

If you require a quicker drying time, we recommend you use Kramp's fast hardener thinner instead of Kramp's synthetic resin thinner.

If you want to apply a second coat, this must be applied wet on wet, preferably one coat horizontally and one coat vertically. If not, you will need to wait at least 24 hours (at a temperature of 20°C) and then lightly sand the surface before applying the second coat.

In order to achieve the best possible results, it is important to clean the surface properly beforehand, to apply a primer in a colour that best suits the final paint colour and to use Kramp thinner. If plastics or non-ferrous metals are to be treated, primer for zinc must be used.

If the composition of an existing coat of paint is unknown or is based on conventional binding agents, we recommend painting a test patch before starting the job.

#### General information Kramp Synthetic Paint:

##### Product description

Fast drying and high resistant synthetic paint suitable for finishing of utility vehicles, machines and constructions. Excellent weathering resistance. For the interior and exterior use.

##### Dilution

Kramp Synthetic Thinner, addition 10 - 20 %

##### Spraying viscosity 4 mm DIN

Gravity spray gun 20 - 25 s



Application method	Pressure	Nozzle
Gravity spray gun	2.0 - 2.5 bar	1.2 - 1.3 mm
HVLP	2.0 - 2.5 bar	1.2 - 1.3 mm
	0.7 bar internal nozzle pressure	

##### Processing conditions

Ensure an adequate supply and exhaust air ventilation.

Working temperature must be at least +10 °C. Max. air humidity 80 %.

Spraying operations	DTF	Consumption
2 - 3	50 - 60 µm	6 - 8 m <sup>2</sup> /l

## Flash-off time

Between the coatings	Before the oven drying
5 - 8 minutes	10 - 15 minutes

## Drying

### Object temperature 20 °C

- Dust free 40 - 45 minutes
- Set to touch 6 - 8 hours
- Ready for assembly 24 hours

### Object temperature 60 °C

- Ready for assembly 1 hour



## Characteristics

Binder base	Modified alkyd resin
Solids content (% by weight)	~ 56
Solids content (% by volume)	~ 41
Delivery viscosity DIN 53211 4 mm (in s)	Thixotropic
DSensity DIN EN ISO 2811 (kg/l)	~ 1,2
Gloss level ISO 2813 at 60° (GU)	> 80 glossy

## Properties

- short drying time
- highly resistant to UV and weathering
- high vertical stability
- excellent flow, high final hardness, retains the gloss over time
- resistant to petrol and diesel if exposed temporarily
- short-term heat exposure 150 °C
- permanent heat exposure 130 °C

## Processing tips

For professional use only.

Applying too thick layers may extend considerably the drying time.

Depending on the colour, the delivery viscosity may vary. Adjust the viscosity by adding thinner.

Check colour shade prior to application.

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