

## TECHNICAL DATA SHEET No.094



# Markierungsfarbe

### I. Product

einZA Markierungsfarbe is a rapid drying, matt acrylate paint with very good adhesion.

Weatherproof, scrub resistant coating for marker lines at company/factory premises as well as at car-parks or in parking garages with normal traffic stress. No permanent marking for stop-and-go traffic.

Type of material	weatherproof marking paint
Application purpose	marking paint for concrete, floor pavement, industrial floors, asphalt floors and pavement (car-parks and industrial markings, marginal strip markings and directional arrows)
Colour shades	white, traffic yellow approx. RAL 1023, fire red approx. RAL 3000, black
Gloss level	matt
Specific weight	approx. 1.50 - 1.55 = 1.500 - 1.550 g/l
Pigment basis	lightfast colour pigments, fillers
Binder basis	acrylate resin
Temperature resistance	up to 60 °C
Package sizes	35 kg - 12,5 kg - 2,5 l - 750 ml

### II. Properties and working instructions

Light resistance / Opacity / Scrub resistance	very good
Chemical resistance	good against weak acids and lyes, mineral oil resistant, resistant against fuel (temporary)
Scrub resistance / Weather resistance / Adhesion / Elasticity / Impact resistance	fulfils the requirements of the DIN and VOB conditions
Tinting	mixable among each other. Do not mix with other products.
Dilution	einZA Universal-Nitroverdünnung
Brushing and rolling	undiluted, especially in case of surfaces containing tar
Airless spraying	suitable for piston and diaphragm pistols, nozzle size 0.015"
Spreading rate	2,5 m <sup>2</sup> /l = 1,7 m <sup>2</sup> /kg
Drying times (20 °C, 65 - 75 % rel. air humidity, 400 µm wet film)	touch proof after approx. 30 minutes

#### Processing

Recoatible	after approx. 30 minutes
Resprayable	after approx. 30 minutes
Storage	practically unlimited in closed containers and cool and dry storage
Cleaning of tools	einZA Universal-Nitroverdünnung

P.T.O.!

### III. Coating and/or applying technique

The surface has to be dry, clean and free of oil. Blacktops may not exude creosotes.

Treatment of fresh concrete surfaces and floor pavement with einzA Markierungsfarbe only after complete setting of 6 - 8 weeks.

The application should be effected efficiently with saturated brush or roll as einzA Markierungsfarbe dries extremely fast.

We recommend application by airless spraying method.

Generally, einzA Markierungsfarbe is applied with a wet film layer of approx. 400 µm (this is a material consumption of 400 ml/m<sup>2</sup>).

For areas and application areas with higher demands on weather and scrub resistance we recommend, after coating with einzA Markierungsfarbe, the application of a thin layer of einzA Flüssig-Kunststoff colourless or einzA Lawidur 2-K-PU-Klarlack as top sealing.

#### Important notices:

einzA Markierungsfarbe is not suitable for the application on public thoroughfares. In this case special qualities with approval number and test certificate are necessary.

einzA Markierungsfarbe can be applied where no risk of slipping exists. Please find details in BGR 181 „Fußböden in Arbeitsräumen und Arbeitsbereichen mit Rutschgefahr“

Surfaces made of concrete, pavement and concrete blocks and surfaces which shall be coated with marking lines must have a sufficient „handiness“ so the high filled einzA Markierungsfarbe can adhere sufficiently with the surface. Even surfaces have to be roughened to assure a sufficient adhesion.

In case of doubt a trial area is necessary.

### IV. Security advice and labelling

The product is subject to the Ordinance on Hazardous Substances.

All necessary advices are included in the Safety Data Sheet according to the CLP regulation (GHS) corresponding the regulation (EG) no. 1272/2008. At any time available at [www.einzA.com](http://www.einzA.com) or to be requested by [sdB@einzA.com](mailto:sdB@einzA.com).

Labeling notes on the container labels have to be considered !

#### VOC-content regarding enclosure II of the VOC guideline 2004/42/EG

VOC limit value enclosure II A (sub-category i)

Lb: max. 500 g/l reg. level II (2010)

VOC-content of einzA Markierungsfarbe: < 500 g/l

The details given above have been compiled in accordance with knowledge of state-of-art testing technology and are to be considered as directives. Because of the manifold methods of application and working these are without commitment and give no grounds for any contractual legal relationship and, moreover, do not release the user from testing our products as to their suitability at his own responsibility. In all other respects our general terms of business are valid. **Issue 06/2021**; as a result of which all previous memorandum sheets become invalid.