

TECHNICAL DATA SHEET No.430



# Karat »plus«



<b>Type of material</b>	einZA Karat »Plus« is a high quality paint for inside coatings, produced according to the strict VOC-stipulations for indoor emulsions. It is solvent-free, LF-biologically compatible, ammoniac-free and absolutely inodorous. einZA Karat »Plus« distinguishes itself for a »PLUS« in its hiding power.
<b>DIN EN 13 300</b>	wet abrasion resistance: class dry hiding power: class 1 with 8 m <sup>2</sup> /l degree of gloss: very matt
<b>Field of application</b>	for all types of excellent interior coatings on ceilings and walls
<b>Colour</b>	white, as well as many colours through the einZA mix colour-mix-system
<b>Density</b>	appr. 1,57 (standard white)
<b>Adhesion basis</b>	synthetic emulsion
<b>Properties</b>	einZA Karat "Plus" has an excellent hiding power and it is ready for use. It is often used as one-coat product, effects very matt surfaces, has a good adhesion and outstanding processing properties; it does not drip or splash, is applicable by airless spraying and free of formaldehyde. Certificate of the disinfectant resistance according to DIN EN ISO 2812-3 and DIN EN ISO 4628-1
<b>Consumption</b>	120 - 140 ml/m <sup>2</sup> , depending on the substrate
<b>Substrates</b>	suitable for all solid, clean and dry interior roughcasts, concrete, porous concrete, masonry, wall construction panels, ingrain wallpapers.
<b>Preparation of substrates</b>	the substrates have to be prepared according to the known rules for the application of emulsion paints. Especially strongly absorbent substrates as well as crumbly ones have to be prepared by priming. Old paints have to be controlled for their stability and adhesion. Well-adherent emulsion paint coats can be recoated after cleaning. Paint coats consisting of distempers or of different emulsion paints have to be removed. The choice of the most appropriate primer depends on the substrate. Please observe the technical data sheets for einZA primers.
<b>Coating structure</b>	New, unpainted and old surfaces: in most cases a generously applied coat undiluted or diluted with water up to 5 % is sufficient Rough and irregular surfaces: one intermediate coat diluted with water up to 10 % and a final coat undiluted or diluted with water up to 5 %.

P.T.O. !

<b>Coating technique</b>	by rolling and brushing on or by using the airless spraying method. einzA Karat »Plus« is easy and fast to apply and effects regular and non elutriate coatings; the ingrain would not be covered unnecessarily. Spraying with airless units: depending on the type of spraying unit undiluted or diluted with water up to appr. 10 %. Nozzle size: 0,43 - 0,63 mm or 0,017" - 0,025". Filter: 60 mesh (mind the instructions of the producer)
<b>Ecological indication</b>	einzA Karat »Plus«: as standard product in white is solvent-free and biocompatible according to the certificate of the testing institute Dr. U. Noack – Laboratorien ("Erlanger Ciliatentest" - please demand if required). Tinted with einzA mix it may contain smaller parts of solvents because of added paste.
<b>Working temperature</b>	air and object temperature not below + 5 °C
<b>Colour matching</b>	use tinting paints einzA Voll- und Abtönfarben or the colour matching system einzA mix
<b>Cleaning of tools</b>	immediately after use with water
<b>Storage</b>	in a cool but frost-free place in closed original containers.
<b>Disposal</b>	For recycling only use containers being completely empty.
<b>Packaging size</b>	standard: 2,5 l - 5 l - 10 l - 12,5 l einzA mix 2 l - 6 l - 12,5 l
<b>Indication</b>	Process within a short period the diluted material as well as opened containers. Do not store for a long time opened containers as the material contains preservatives being ecologically beneficial
<b>VOC-Content according to the appendix II of the VOC-Regulations 2004/42/EG</b>	VOC limite value appendix II A (figure a) Wb: max. 30 g/l according to class II (2010) VOC-Content of einzA (mix) Karat »Plus«: < 1 g/l

#### **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 !

The previous information has been conscientiously compiled according to the present state of knowledge of test technology and should serve as a guideline. Due to the multitude of uses and working methods, it is non-binding, does not establish any contractual legal relationship and does not release the consumer from his own responsibility of checking our products himself. Otherwise, our conditions of delivery and payment apply.

Issued 05/2021; with this, all previous specification sheets are invalid.