

TECHNICAL DATA SHEET No.316A



Garant

Colour matching with **einZA mix**

Type of material	<p>elastic silicone resin facade paint, mat, water-dilutable, weather resistant according to VOB DIN 18 363.</p> <p>Usable for crack group A (plaster surface cracks, cracks through plaster layers) and crack group B (cracks at butt and horizontal joints, cracks due to modification) according to BFS Data Sheet no. 19 „Risse in Außenputzen, Beschichtung und Armierung“.</p>
Application	<ol style="list-style-type: none"> 1. For crack bridging, water repellent (hydrophobic), highly water vapour permeable exterior coatings on unpainted, mineral surfaces. 2. For renovation coatings on well-adherent silicone- or silicate-paints, old dispersion paint coatings and synthetic resin coatings.
Colour	white as well as a range of colour shades that can be obtained with the colour matching system einZA mix.
Density	approx. 1.41 (standard white)
Binder basis	silicone resin combination / special polymer
Properties	water repellent within the system, highly water vapour permeable, alkali resistant, dirt repellent, non-ageing. The coating is highly elastic also with temperatures below 0 °C and has a mat mineral surface. With formula H against dirt and virescence on facade surfaces.
Spreading rate	<p>180 - 200 ml/m²</p> <p>Consumption rates depend on the surface and have to be determined by trial coating on the object.</p>
Surfaces	<p>einZA Garant can be applied on all mineral surfaces (mortar group II and III, concrete, brickwork, fibre cement, especially also on sand-lime brick) which are</p> <ol style="list-style-type: none"> a) uncoated or ... b) already coated with silicone-, silicate- or lime-cement-paint, dispersion paint or coated with synthetic resin plaster and have been prepared workmanlike as customary <p>Remove carefully oil- and lacquer coatings.</p>

P.T.O. !

Preparation of the surface	<p>concerning a) Surfaces must be cleaned from dirt and loose particles and primed with einzA silicon-Hydrogrund, thinned with water accordingly.</p> <p>concerning b) Old surfaces with sustainable coatings resp. coated with resin plaster have to be cleaned dry or wet. The coating is solid, sustainable and not chalky: Usage of einzA silicon Grundfestiger is not necessary. The coating is solid, well adherent but chalky: Binding of the chalky layer with einzA silicon Grundfestiger, diluted with einzA Universal-Nitroverdünnung. Gloss formation has to be avoided. If the chalking layer can be removed completely with a high pressure spraying unit using hot water, the application of einzA silicon Grundfestiger can be omitted. Microporous, intact silicate coatings can be impregnated using einzA silicon Imprägnierung to achieve an optimal water repellent effect.</p>
Coating structure	<p><i>Treatment of „normal“ surfaces incl. cracks of crack group A:</i> On impregnated and perhaps additionally primed surface: Intermediate coating with einzA Garant undiluted Final coating with einzA Garant undiluted <i>Treatment of cracks of crack group B:</i> On impregnated and perhaps additionally primed surface: Saturated intermediate coating with einzA silicon Streichfüller 2 final coatings with einzA Garant, undiluted</p>
Processing	<p>einzA Garant is ready to use. Application by rolling, brushing or spraying.</p> <p><u>Do not use products that don't fit the system !</u></p>
Processing temperature	not below +5 °C (air and object)
Processing instructions	<p>During cold wet seasons shortly after application water soluble particles of the coating not dried through could be dissolved because of the interaction of high air humidity, fog or rain and temperature decrease (especially during cool and wet evening and morning hours). These are for example tensides, emulsifiers, protective colloids or other additives, which are necessary to reach special quality characteristics of the coating. In case of these drains, which mostly appear as sticky glossy spots, the surface should not be reworked directly. The water-dilutable drains will be washed off by further moisture (for example after several rainfalls). If a direct rework is planned however, the drains have to be washed off thoroughly with water before applying another coating. This phenomenon, which only occurs in case of unfavourable weather conditions, is state-of-the-art technology and cannot be avoided. This is only a temporary optical lack but has no impact on the protective function of the coating.</p>
Physical data (standard / colour: white)	<p>water absorption coefficient according to DIN EN ISO 1062-3: $w = 0.08 \text{ kg/m}^2 \text{ h}^{0,5}$ water vapour resistance according to DIN EN ISO 7783-2: $sd = 0.50 \text{ m}$ water vapour diffusion current density according to DIN EN 1062: V_2 intermediate</p>
Special remarks	In addition to its wide field of application the einzA Garant-System (impregnation, intermediate and final coat) is especially suited for the protection of monuments in case of cracked facades where an effective weather protection is necessary, such as being water repellent, highly water vapour permeable and high resilience.

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Tinting	with the colour matching system einZA mix
Cleaning of tools	immediately after use with water
Storage	cool but frost-free in closed original containers
Disposal	for recycling do only use containers being completely empty
Packing size	standard 12.5 l einZA mix 2 l - 6 l – 12.5 l
Notice	opened containers or diluted material has to be used at short notice! Do not store opened containers for a long time as the material contains preservatives being environmentally sound.

Security and hazard notes

This product is subject to the Ordinance on Hazardous Substance.

All necessary indications are contained in the Safety Data Sheet regarding CLP Regulation (GHS) regarding (EC) regulation no. 1272/2008. Available at www.einzA.com at any time or to be requested using sdb@einzA.com.

Labelings on the packaging have to be considered!

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

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

Wb: max. 40 g/l reg. level II (2010)

VOC-content of einZA (mix) Garant: < 30 g/l

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 10/2022; with this, all previous specification sheets are invalid.