

TECHNICAL DATA SHEET No.350A

mineralit Bio-Innenfarbe



colour matching with **einZA mix**



Type of material	emulsion silicate paint according to VOB DIN 18 363 matt, for indoor application, preservative-free, solvent-free, scrub resistant according to DIN 53 778 SM.
DIN EN 13 300	wet abrasion resistance: class 2 dry hiding power: class 1 with 7 m ² /l degree of gloss: lacklustre-matt
Application purpose	for interior coatings on ceilings and walls
Density	approx. 1.43 (standard white)
Colour shading	white as well as a range of colour shades obtained by using einZA mix paint mixing system
Binder basis	potassium silicate with auxiliary organic stabilising agents
Properties	<p>einZA mineralit Bio-Innenfarbe has good hiding power in white and all colour shades, excellent processing properties; protects the diffusivity and therefore the humidity exchange of the surface; ensures a healthy room condition. Dries very matt.</p> <p>einZA mineralit Bio-Innenfarbe has the IUG-product certification "Allergiker-geeignet". Certified regarding the current tests in April 2021 (Date of Expiry: 01.05.2024) If required please demand at info@einZA.com</p>
Compliance (DIN 4102-B1)	einZA mineralit Bio-Innenfarbe fulfils the building material requests of class B2 and B1 and therefore is included in the building material class B1 (building materials of low flammability) reg. DIN 4102 Teil 1 (May 1998). With test report no. 230007632 dated 18.11.2010 (tested and certified from the MPA NRW).
Consumption	120 - 170 ml/m ² for one coating depending on the surface
Surfaces	suitable for all dry surfaces which are solid enough to sustain a wash resistant coating: for example concrete, plaster, natural and artificial stone, fibre cement, lightweight building boards, cardboard etc. Oil and varnish paints as well as glossy emulsion paints are unsuitable.



P.T.O.!

Preparation of surfaces	The surface has to be clean, dry and stable. Especially strongly absorbent as well as crumbly surfaces have to be prepared by priming. As primer please use einzA mineralit Grundiermittel resp. einzA Aqua-Tiefgrund. Please refer to the technical data sheets for these products. Well-adhesive, matt, sound emulsion paint coatings can be recoated after cleaning. Glue-bound distemper coatings and insufficiently adhered so called mixed-binder coatings have to be removed.
Coating structure	<i>New, unpainted surfaces:</i> One intermediate coat diluted up to 10 % with water. One final coat undiluted. <i>Painted surfaces:</i> Mostly one saturated coating is sufficient.
Applying technique	einzA mineralit Bio-Innenfarbe is ready-to-use. Application by rolling on, brushing on or by using the airless spraying method. Spraying with airless units: Depending on the spraying model undiluted or diluted up to max. 10 % with water. Nozzle size: hole 0.74 mm = 0.029" or 0.63 mm = 0.025", filter: 60 mesh
Color shade notes	Because of the special drying process of products based on potassium silicate/silica sol shadings on the surface may occur depending on the color shade. This will probably be increased by different absorption behavior of the surface and usage of different tools. Color shadings are product-specific for silicate and mineral paints and are no technical resp. functional defects.
Working temperature	air and object temperature not below +6 °C (ideal: between + 18 °C und + 20 °C)
Processing instructions	Basically repair work should always be carried out on the entire area and not only partially as in case of silicate and sol silicate paints surfaces may show more or less strong shade differences, depending on the object situation. This corresponds to the recognized rules of technology and cannot be avoided. Please find details in the BFS leaflet no. 25.
Precaution	Connecting surfaces like glass, clinker, natural stone have to be covered. Splatters have to be removed still being wet. Eyes and sensitive skin have to be protected against splatters, if necessary clean with plenty of water.
Ecological indication	einzA mineralit Bio-Innenfarbe 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.
Physical data (standard / colour: white)	water vapour resistance reg. DIN 52 615 sd = 0.012 m
Tinting	only with einzA Vollton- und Abtönfarben or tinted with the einzA mix paint mixing system. Other universal tinting concentrates, universal mixing colours or tinter or other pigment preparations could cause quality limitations and therefore should not be used.
Cleaning of tools	immediately after use with water
Storage	cool but protected against frost in closed original containers
Disposal	for recycling only use containers being completely empty
Package sizes	standard 2.5 l - 12.5 l einzA mix 6 l - 12.5 l
Notice	Opened containers or diluted material has to be used at short notice!

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

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

Wb: max. 30 g/l reg. level II (2010)

VOC-content of einZA mineralit Bio-Innenfarbe: < 0,5 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 or to be requested by 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 07/2021; with this, all previous specification sheets are invalid.