

TECHNICAL DATA SHEET No.322



Karat F

Paint for damp rooms with coating protection

Type of material	high-quality mat paint for damp rooms, scrub resistant, excellent hiding power
DIN EN 13 300	wet abrasion resistance: class 1 dry hiding power: class 1 with 7 m ² /l degree of gloss: lacklustre-matt
Application purpose	renovation coating for mouldy surfaces inside and as preventive coatings on surfaces at risk of mould in damp rooms
Colour shade	white
Density	approx. 1.50
Binder basis	synthetic emulsion
Properties	mat latex paint with excellent hiding power, easy to process and with coating protection as preventive protection against fungicidal and bactericidal influences. einZA Karat F fulfils the requirements of DIN 53 778 for scrub resistant interior dispersion paints; very good adhesion, high coverage and water vapour permeable.
Consumption	120 - 140 ml/m ² for one coating depending on the surface
Surfaces	suitable on all solid, clean and dry plasters inside, concrete, porous concrete, masonry, wall construction panels, ingrain wallpaper
Preparation of the surface	fungal decay has to be removed wet and by a suitable process regarding legal regulations. After drying all loose parts of old coatings as well as pollution have to be eliminated as well. Strongly weathered, difficult old coatings have to be removed completely. Application of einZA Antigrün diluted max. 1:1 with water with a brush on the affected surface to absorb mould and fungal spores and for disinfection. By this the concentration of spores will be reduced during cleaning. After a residence time of approx. 1 hour the affected surface has to be wet-cleaned. If the surface is not stable afterwards a priming with einZA Aqua-Tiefgrund, einZA Aquasol Gel or einZA Hydrosol-Tiefgrund has to be made.
Coating structure	one intermediate coat diluted with water up to 10 % One final coat undiluted or diluted with water up to 5 %.

P.T.O.!

Applying technique	by rolling, brushing or using the airless spraying method. Airless spraying method with airless units: depending on the type of spraying unit undiluted or diluted with water up to approx. 10 %. Nozzle size: 0.43 - 0.63 mm or 0.017" - 0.025", filter: 60 mesh.
Special notices	In commercial companies the fungicidal protection of einzA Karat F with coating protection is often influenced or neutralized because of faulty aeration, unthoughtfulness or insufficient cleaning of the coating and an eutrophic layer of pollution and grease film occurs. Therefore, the customer should be advised to take care for a good aeration, cleaning of the coating if possible cyclically and to avoid unnecessary pollutions as well as vapour and moisture formation. As the renovation of mould affected surfaces not only depends on the quality of the paint and a professional usage but also a lot of technical factors occur, which can not be influenced by the painter warranty, promises in general should be made carefully. In living rooms (for example living room and bedroom) we recommend not to use a fungicidal coating with coating protection. In these sensitive areas any fungal decay should be prevented by structural measures and a healthy atmospheric environment with corresponding aeration. In case of application in rooms used for the production and storage of foodstuffs an airing time of 3 days should be maintained. Only use solvent-free primers in these rooms.
Working temperature	air and object temperature not below +5 °C.
Colour matching	with einzA Voll- und Abtönfarben
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	2.5 l - 12.5 l
Notice	Processing of the diluted material as well as opened containers at short notice. Do not store for a long time opened containers as the material contains preservatives being ecologically beneficial.

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 (EC) 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 !

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 Karat F: < 1 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 09/2002; with this, all previous specification sheets are invalid.