

TECHNICAL DATA SHEET No.302

Hydrosol-Tiefgrund



Type of material	solvent-free Hydrosol primer for outside and inside application.
Application purpose	for deep-priming of surfaces outside and inside, for example plasters of mortar group II, III and IV, concrete, brickwork, concrete plaster boards and gypsum plaster. Especially suitable for the stabilization of old chalky emulsion paint and mineral paint coatings.
Density	approx. 1.00
Solid content	approx. 12 %
Binder basis	acrylic copolymer
Colour shade	colourless
Properties	very good intrusion, odourless, formaldehyde-free, alkali resistant, hardening, good sealing for following coatings, increasing of adhesion, weatherproof, water vapour permeable, quick-drying.
Consumption	100 - 300 ml/m ² , depending on the absorbency and structure of the surface
Surfaces	suitable for absorbent surfaces like old sanding or new plasters, brickwork, sand-lime brick, concrete, fibre cement, porous concrete. Suitable for the application in rooms with comestible goods and where a strong odour has to be avoided.
Preparation of surfaces	the mentioned surfaces will be cleaned and made stable by using einZA Hydrosol-Tiefgrund. Plasters (mortar group II and III) and concrete should be air-dry. Dust, pollution as well as old coatings which are not stable have to be removed. Gypsum plasters (mortar group IV): Remove sinter layers. A too saturated coating, visible by gloss formation, has to be avoided necessarily. Glue-bound distempers have to be removed completely by washing.
Coating structure	usually einZA Hydrosol-Tiefgrund is used undiluted and has to be applicated saturated in case of strong absorbent surfaces. In case of weak absorbent surfaces add water up to 30 %. Recoatable after 4 to 5 hours under normal conditions, in case of cool and damp weather please take care of a sufficient drying. To reach a maximum of intrusion high temperatures and surfaces heated by the sun should be avoided.
Further notices	though einZA Hydrosol-Tiefgrund has no etching effect on old chalky emulsion paint coatings it has hardening characteristics. The product can be applied by brushing on, rolling on and by airless spraying.



P.T.O.!

Working temperature	air and object temperature not below +5 °C.
Cleaning of tools	immediately after use with water.
Storage	cool but protected against frost in original closed containers.
Disposal	for recycling only use containers being completely empty.
Packaging size	10 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 ecologically beneficial.
Ecological indication	einZA Hydrosol-Tiefgrund is solvent-free and biocompatible according to the certificate of the testing institute Dr. U. Noack - Laboratorien ("Erlanger Ciliatentest" - please demand if required).

VOC-Content according to the appendix II of the VOC-Regulations 2004/42/EG

VOC limite value appendix II A (figure h)
Wb: max. 30 g/l according to class II (2010)
VOC-Content of einZA Hydrosol-Tiefgrund: < 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 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 05/2021; with this, all previous specification sheets are invalid.