

TECHNICAL DATA SHEET No. 235



Aquamatt Sprayfiller

colour matching with **einZA mix**

I. Product

einZA Aquamatt-Sprayfiller for outdoor and indoor application is a water-dilutable, well-filling primer with optimized quality adjustment for efficient application by airless spraying. For weatherproof, durable coatings on wood, mineral surfaces, metall and hard PVC. einZA Aquamatt-Sprayfiller is odourless, easy to apply and quick-drying. The hardened coating is diffusible, permanently elastic and resistant to yellowing. Environmentally sound because environmentally compatible.

Type of material	state-of-the-art premium filler with stability up to 350 µm and excellent flow out. Water-dilutable, rust inhibiting, matt prime coat with insulating characteristics against penetration of ingredients on doors and door frames ground right through (please consider notes for Coating and/or applying technique system structure B).
Application purpose	Well-filling prime coat for wood, metal, hard PVC and mineral surfaces in the system structure of einZA Samtacryl-Sprayfinish or einZA Acryl-PU lacquers. Also applicable as matt final coating indoors.
Colour shades	white as well as a range of colour shades obtained by using einZA mix paint mixing system.
Gloss level	matt
Specific weight	1,176 to 1,343 g/cm ³ (depending on the colour shade)
Binder basis	PU-finished pure acrylate, water-dilutable
Product line to VdL-R01	dispersion varnish
Pigment basis	titanium dioxide rutile, filler
Temperature resistant	up to + 120 °C, dry (indoor)
Package sizes	3 l (base colours 1, 2 and 3)

II. Properties and working instructions

Light resistance	very good
Chemical resistance	resistant to industrial atmospheres, household cleaning agents, resistant to saponification
Weather resistance / Adhesion / Elasticity / Scrub resistance	fulfils the requirements of the DIN and VOB conditions
Dilution	water
Airless spraying	undiluted, suitable for piston and diaphragm pistols Pressure: 160 bar spraying angle: 20 - 40° nozzle: 210 - 410
Stability	up to 350 µm
Drying times (20 °C, 65 - 75 % rel. air humidity, 200 µm wet film)	touch proof after approx. 1 hour. Do not apply at temperatures below + 8° C and a rel. air humidity more than 85 %.
Note	In case of PVC-containing sealings there is a risk of plasticizer migration and adhesion. For rubber profiles only use sealings which are suitable for water-dilutable acrylic lacquers, for example TKF or AC rubber profiles.
Spreading rate	approx. 250 - 300 ml/m ² - exact rates have to be determined by trial application

P.T.O.!

Processing

Recoatable (in case of a wet film thickness of \varnothing 250 μm)

after 4 - 5 hours at 20 °C and 65 - 75 % rel. air humidity. Lower temperatures and/or higher air humidity will cause longer drying times, please consider.

Cleaning of tools

immediately after use with water, if necessary usage of the einzA Werkzeugreiniger.

Storage

protected against frost, close open drums tight

Disposal

dispose of drums with rest material at special waste collection points for old varnishes. For recycling only use containers being completely empty.

III. Coating and/or applying technique

einza Aquamatt Sprayfiller is suitable as well-filling prime coat for many surfaces such as doors and woodwork, wood panelling, outdoor woodwork, galvanized iron, aluminium, fibre cement, concrete and plaster surfaces. Within the system structure with einzA Samtacrlyl-Sprayfinish very high-quality coatings with only a total of two spray applications.

A. Interior wooden surfaces:

1. Stopping with Palmcolor Schnellspachtel if necessary.
2. Prime coat with einzA Aquamatt Sprayfiller, undiluted
3. Silk glossy final coating with einzA Samtacrlyl Sprayfinish, undiluted
or matt final coating with einzA Aquamatt Sprayfiller, undiluted

B. Interior wooden surfaces with ingredients to be blocked:

1. Professional and appropriate cleaning of the surface.
2. Thoroughly sand down and remove dust from the cleaned surface.
3. Prime coat with einzA Aquamatt Sprayfiller, undiluted.
4. Silk-glossy final coat with einzA mix Samtacrlyl Sprayfinish, undiluted.
In case of an insufficient insulating effect a drying time of 24 hours before rework is mandatory.
Followed by final coat with einzA mix Samtacrlyl Sprayfinish and einzA Acryl-PU-Härter mixing ratio 10 : 1
(Technical Data Sheet no. 180 has to be considered).

C. Outdoor wooden surfaces:

1. Impregnation with einzA Bläueschutz W (only for softwood lumber and coniferous wood)
2. Prime coat with einzA Aquamatt Sprayfiller, undiluted
3. Final coat with einzA Samtacrlyl Sprayfinish, undiluted

D. Iron, steel, galvanized iron, light metal and hard PVC:

Remove rust and degrease from iron and steel, prime with einzA Aqua All-Grund, once inside, twice outside.

Thoroughly degrease galvanized iron and light metal with ammonia and surfactant (Pril or similar), sand down with nylon fabric and wash well with clear water. Remove oxidation with nylon fabric (for example Scotch Britt) mechanically. Degrease hard PVC and sand down.

Coating of surfaces pre-treated this way as follows:

1. Prime coating with einzA Aquamatt Sprayfiller, undiluted
2. Final coating with einzA Samtacrlyl Sprayfinish, undiluted

E. Old coatings

Completely remove old coatings which are not stable. Check sound old coatings referring stability, sand down thoroughly and remove dust. Brush down and remove dust from insufficient bonded dispersion coatings.

1. Prime coat with einzA Aquamatt Sprayfiller, undiluted
2. Final coat with einzA Samtacrlyl Sprayfinish, undiluted

IV. Security advice and labelling

GIS code (product code)	M-GP01
Flash point	non-inflammable

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 !

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

VOC limit value enclosure II A (sub-category d) - Wb: max. 130 g/l reg. level II (2010)

VOC-content of einzA Aquamatt-Sprayfiller: < 50 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 04/2020**; with this, all previous specification sheets are invalid.