

TECHNICAL DATA SHEET No.038



# Reinacryl Glanzlack

**PU-Vergütet  
Blockfest  
Kratzfest**

Colour matching with **einZA mix**



## I. Product

einZA Reinacryl is a water-dilutable, weather-resistant glossy varnish paint for blockfast coatings with scratch resistant surface on wood, metal, hard PVC and mineral undergrounds. einZA Reinacryl is suitable for diffusion and is permanently elastic, resistant to yellowing and breath active. einZA Reinacryl is a low odour paint, easy to work, fast drying and easy to clean with usual household detergents. Environmentally sound because of low content of hazardous substances.

einZA Reinacryl Glanzlack coatings are saliva and sweat resistant and meet the criteria of the EN 71 part 3 (Safety of Toys).

Type of material:	Water-dilutable gloss varnish for indoors and outdoors.
Application purpose:	Weather-resistant, glossy coatings for wood, metal, hard PVC and mineral surfaces. Scrub-resistant coating for heavily stressed indoor surfaces.
Colour:	white, as well as many colours through the einZA mix colour-mix-system
Degree of gloss:	Glossy
Specific weight:	approx. 1.1 - 1.2
Binder basis:	PU treated pure acrylate, dilutable with water.
Product group to VdL-RO1:	Dispersion varnish
Pigment basis:	Lightfast, weather resistant colour pigments
Hazardous class to VbF:	Not applicable, non-inflammable
Package sizes:	Standard (white): 2.5 l - 750 ml - 250 ml einZA mix 1 l - 3 l

## II. Properties and working instructions

Lightfastness:	Very good in all colour shades outdoors and indoors, also in the case of any colour shade brightening.
Chemical resistance:	Resistant to industrial atmospheres, household detergents, resistant to saponification.
Weather-resistance/adhesion/elasticity/scrub resistance:	Fulfils the requirements under DIN Standards and VOB conditions.
Shading:	Mixable with each other in any ratio. Do not mix with other products.
Dilution:	Water
For brushing and rolling:	Undiluted
Airless spraying:	Undiluted, suitable for piston and diaphragm equipment
Drying times (20 °C, 65 - 75 % rel. air humidity, 90 µm wet film)	Tack-free after approx. 1-2 hours The drying time is extended in cool and damp weather. Do not work at temperatures under +8 °C and above 85 % relative air humidity.
Spreading rate	10 - 11 m <sup>2</sup> /l = 90 - 100 ml/m <sup>2</sup>

P.T.O.!

### Processing

Painting over:	after approx. 6 - 8 hours
Tools:	Acryl brush with Orel mix bristles, flocked Moltopren roller
Cleaning of tools:	Immediately after use with water.
Storage:	Store free of frost, close open drums tight.
Disposal instructions:	Drums with any residue to be given to the collecting agency for old paint. Only completely empty drums to be sent for recycling.

### Physical data

(standard / white)	water vapour permeability (diffusion equivalent of air layer thickness $S_d$ [ $H_2O$ ]): < 0.15 m - class V1
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### Processing guidelines

During cold and damp seasons water dilutable components from the not yet dried coating could dissolve out relative shortly after application due to the interaction of high air humidity, mist or rain and temperature reductions (especially during cool and wet evening and morning hours). These are for example tensides, emulsifiers, protective colloids or other additives which are required in the coating to gain certain quality characteristics. If such stains occur, which mostly appear as sticky, glossy spots, the areas should not be reworked directly. The water dilutable stains will be washed off automatically by further humidity stress (for example after several heavy rainfalls). If a direct rework will be made the strains have to be washed off thoroughly with water before a further coating will be applied.

This phenomenon which only occurs in case of unfavorable weather conditions is state-of-the-art and unavoidable. It is a temporary visual defect which has no influence on the protective function of the coating.

## III. Coating and/or applying technique

einZA Reinacryl is suitable for almost all surfaces from basement to roof, such as windows, doors, shutters, fences, framework, wood panelling, garden furniture, fall and drain pipes as well as hot galvanised iron, aluminium, fibrated cement, concrete and plaster surfaces.

The dried and cured coating film provided by einZA Reinacryl is resistant to sweat and spittle in accordance with DIN 53 160.

### A. Wood surfaces (not to measurement)

1. Impregnation with einZA Bläueschutz "W" (only for soft texturised wood and soft wood in outdoor applications).
2. Prime coat with einZA Aquamatt
3. Intermediate and final coating with einZA Reinacryl, undiluted

### B. Wood surfaces (accurate to measurement, such as windows and doors, for example)

1. Impregnation with einZA Bläueschutz "W" (only for soft texturised wood and soft wood in outdoor applications).
2. Prime coating with einZA Aquamatt.
3. Intermediate and final coating with einZA Reinacryl, undiluted.

Caulking is to be carried out with permanent plastic and permanent elastic sealing materials in accordance with the table to determine the stress groups for glazing windows from the Institute für Fenstertechnik e.V., Rosenheim, Germany. Contact surfaces to PVC seals should be coated with einZA Seidenmatt to avoid any possible sticking.

### C. Timber with high infiltrate content

Types of timber with stained infiltrate and pressure impregnated timber, depending on surface 1-2 times with einZA Aqua-Isogrund white, to be primed undiluted.

Further treatment see A or B, from Point 3 onwards.

P.T.O.!

#### D. Iron, steel, galvanised iron, light metal and hard PVC

Remove rust and degrease iron and steel, prime with einZA Korral-Primer or einZA Aqua All-Grund once for indoors, twice for outdoors.

Galvanised iron and light metal to be degreased thoroughly with ammonia and wetting agent (Pril or similar) and wash well with clear water afterwards. Remove oxidation coats mechanically. Degrease hard PVC, sand down and prime with einZA Aqua All-Grund.

The undergrounds prepared in this way to be coated twice einZA Reinacryl undiluted.

#### E. Fibrated cement, concrete and plaster surfaces

Sand plasters are to be strengthened with einZA Aqua-Tiefgrund.

Avoid gloss development. Absorptive mineral undergrounds to be wetted with water.

1. Prime coat with einZA Aquamatt
2. One or two final coats with einZA Reinacryl, undiluted.

#### F. Old paint finishes

Completely remove peeling or cracked old paint finishes. Check intact old coatings for supportability, firmly adhering intact varnish coatings to be ground down and dust removed, brush down and remove dust from dispersion coatings.

1. Prime coat with einZA Aquamatt.
2. One or two final coats with einZA Reinacryl, undiluted.

## IV. Security advice and labelling

GIS code (product code)	M-LW01
Flash point	not applicable as not flammable
Hazardous class to VbF	not applicable

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

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

Wb: max. 150 g/l reg. level I (2007) and max. 130 g/l reg. level II (2010)

VOC-content of einZA (mix) Reinacryl Glanzlack: < 55 g/l

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](http://www.einzA.com) or to be requested by [sdb@einzA.com](mailto:sdb@einzA.com).

Labeling notes on the container labels have to be considered !

The details given above have been compiled in accordance with knowledge of state-of-art testing technology and are to be considered as directives. Because of the manifold methods of application and working these are without commitment and give no grounds for any contractual legal relationship and, moreover, do not release the user from testing our products as to their suitability at his own responsibility. In all other respects our general terms of business are valid.

Issue 07/2021; as a result of which all previous memorandum sheets become invalid.