

Lacryl-PU Wooden Floor Enamel 274



water-based, low-odor, PU-modified, silk matt, for interior use



www.blauer-engel.de/uz12a



Farbsystem

Entspricht EN 71-3
Sicherheit von Spielzeug
Speichel- und schweißecht

Basecode

Field of application

For high-quality and resistant covering sealers on parquet, floor boards, wooden floors and steps in living areas.

Properties

- water-based
- low odor
- quick-drying
- single-component sealer with a PU acrylic base
- for interior use
- complies with the requirements of the Committee for the Health-related Evaluation of Building Products (AgBB)
- complies with EN 71-3 Safety of toys, resistant to saliva and perspiration
- PU-reinforced
- hard-wearing
- resistant to mild household cleaners
- easy to apply

Material description

Standard color	0095 white. A number of additional color shades can be mixed with the Brillux Color System.
Gloss grade	silk matt
Base material	Acrylate polyurethane dispersion
VOC	EU limit for this product (cat. A/e): 130 g/l (2010). This product contains a max. of 100 g/l VOC.
Contents	Polyacrylate-polyurethane emulsion, titanium dioxide (depending on the color shade), inorganic/organic colored pigments (depending on the color shade), silicates, water, glycol ether, additives and preservatives (methylisothiazolinone and benzisothiazolinone).

Material description

Density	approx. 1.0 - 1.2 g/cm ³ depending on the color shade
Packaging	750 ml, 3 l

Use

Thinning	If necessary for flow control, dilute with water up to a max. of 5 %.
Tinting	All colors can be mixed with one another without limitations.
Compatibility	Do not mix with other types of materials.
Application	Lacryl-PU Wooden Floor Enamel 274 can be applied using brush and roller application methods. We recommend the Short Fiber Paint Roller 1217 for the roller application on the floor surface and a foam paint roller for the vertical application. Apply the Lacryl-PU Wooden Floor Enamel 274 uniformly, quickly and strip by strip to avoid visible lap marks. In this context, only prepaint the corners and connecting areas to the extent that they can be treated within a strip.
Consumption	Approx. 100 to 120 ml/m ² per coat. Determine exact consumption by way of a test application on the object.
Application temperature	Do not apply if air or object temperature is below +5 °C.
Tool cleaning	Clean tools immediately after use with water and soap.

Drying (+20 °C, 65 % relative humidity)

Dust-dry after approx. 1 to 2 hours.
Intermediate and top coat (ready to withstand walking loads and application of the next coat) after at least 8 hours. Fully stressable after curing (approx. 8 days). Do not lay carpets before one week has passed.
In the case of lower temperatures and/or higher atmospheric moisture, allow for longer drying time.

Storage

Store in a cool, dry and frost-free location. Close opened containers tightly. Only recycle containers that have been cleaned of all paint residues. Dispose of liquid material remains at collection points for waste paints.

Declaration

Product-Code	BSW30. Comply with the specifications in the current Safety Data Sheet. Information for individuals allergic to isothiazolinone is available at phone +49 251 7188-403.
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Substrate preparation

The substrate must be solid, dry, clean, with good adhesiveness, load-bearing and free of separating agents. Check existing coatings for their suitability, load-bearing capacity and adhesive properties. Remove defective and unsuitable coatings thoroughly and dispose of them in accordance with the applicable regulations. Sand intact coatings thoroughly. Hazardous particles and vapors may be released while reworking on or removing old paint coats, e.g., as a result of sanding, paint removal by heat gun, etc. Perform such work only in well ventilated areas and ensure the use of appropriate protective equipment (including respiratory protective equipment) as required. Pretreat, prime and/or apply the intermediate coat to the substrate, as required. Also see VOB Part C, DIN 18363, Paragraph 3.

Interior coatings on wooden floors

Substrates ¹⁾	Prime coat ²⁾	Intermediate coat	Top coat ³⁾
Untreated parquet, floor boards, wooden floors and wooden steps	With Lacryl-PU Wooden Floor Enamel 274 or 2K-Aqua Epoxy-Primer 2373, as required	Lacryl-PU Wooden Floor Enamel 274	Lacryl-PU Wooden Floor Enamel 274
Parquet, floor boards, wooden floors and wooden steps with intact old paint coat	2K-Aqua Epoxy-Primer 2373		

¹⁾ Not suitable for oiled, waxed or factory-coated floors and laminate.

²⁾ Apply the prime coat with 2K-Aqua Epoxy-Primer 2373 for white or light-colored coatings to prevent water-soluble substances from penetrating through. We recommend applying two coats of primer with 2K-Aqua Epoxy-Primer 2373 to wood that is very rich in active substances. Preliminary tests are also to be performed on uncertain, poorly defined substrates and where required with 2K-Epoxy Varioprimer 865. Surface care products and those absorbed into the wood may result in poor adhesion and surface defects, and delay drying.

³⁾ To increase the durability, for example, of stairs, we recommend additional sealing with glossy Parquet Sealant 342 or silk matt Parquet Sealant 344.

Notes

General National Technical Approval

Z-157.10-225
 Surface coating systems for parquet and wooden floors, Brillux System Air-Clean-Pro 4
 The General National Technical Approval must be available at the point of use. The current version can be accessed on the Internet.

Contiguous surfaces

Only coat contiguous surfaces with material from the same batch.

Sand the substrates

We recommend intermediate sanding between the individual work steps. The surfaces must be sanded down to ensure a "paint-on-paint" structure.

Comply with protective measures

The standard protective measures must also be adhered to when applying low-emission paints. Keep out of the reach of children. Use the combination filter A2/P2 for spraying. Use the dust filter P2 during sanding. Ensure proper ventilation during application and drying. Avoid eating, drinking and smoking during application. Upon contact with the eyes or skin, immediately rinse thoroughly with water. Ensure that the material does not get into the sewage system, waters or soil.

Avoid contact with plasticizers	Do not bring the surfaces into contact with plasticized plastic materials, e.g., sealing profiles, rubber tires, among other things.
Avoid "paint-on-paint contacts"	Water-based paints exhibit thermoplastic behavior. As a consequence, "paint-on-paint" contacts must be avoided.
Implementation in brilliant and intense color shades	Brilliant, pure intense color shades, e.g., in the yellow, orange, red, magenta and yellow green areas have a lower hiding power as a result of the pigments used. For critical color shades, we recommend applying a full-covering base coat in these areas in the corresponding base color shade (Basecode). In addition to the standard coating build-up, additional coats may also be required.
Take the substrate absorbency and film thickness into consideration	Ensure a uniform substrate absorbency and film thickness during application to avoid patches of varied gloss. Excessive film thicknesses must be avoided. Prime with 2K-Aqua Epoxy-Primer 2373, as required.
Cracks in wooden panels	Shrinking and swelling of wooden panels due to temperature fluctuations cannot even be avoided in interior areas. The resulting cracks and breaks in the joints cannot be avoided.
Carpets and furniture	Do not lay the carpets in the first 8 days. Carefully position the furniture and other furnishings in the rooms.
Use of office chairs	Office chairs must be equipped with soft castors of type W in accordance with DIN 68131.
Surface protection by means of chair/furniture glides	Chairs with defective or missing chair glides and unsuitable chair castors destroy the paint surface and must therefore be avoided. The use of suitable chair/furniture glides (e.g. scratchnomore ® from CC Dr. Schutz) and chair/furniture castors (type W) is highly recommended.
Optical impairment	Constituents from organic substances (e.g. tea, coffee, red wine, plant parts, leaves, etc.) and chemicals such as disinfectants and acids may result in changes in the coating's color. Stress, such as that caused by sanding objects, may result in scratches to the surface. The functionality is not affected by these visual changes.
Avoid liquids	Spilled liquids must always be mopped up immediately. Standing water must be avoided.
Use and surface stress	Sealers and coatings on floor areas are subject to use-related wear. The individual usage period depends primarily on the film thickness and the intensity of the surface stress. We recommend laying out suitable protective mats in areas where castor wheels are used.
Abrasion in the event of mechanical stress	Pigment abrasion may occur on the coating surface for intense and dark color shades in the event of mechanical stress. This corresponds to the state of the art for silk matt enamel paints and does not justify a complaint.

Notes

Cleaning and care The right cleaning and maintenance ensures a long service life and value retention of the floor paintwork. A large proportion of the dirt usually carried into a building can be avoided with walk-off mats in the entrance areas. The less dirt that reaches the floor surfaces, the lower the cleaning and care requirements will be. Depending on the dirt accumulation, the floor surfaces should be cleaned continuously and every day. Remove coarse dirt with a brush or vacuum cleaner. Dilute CC Dr. Schutz PU cleaner at a ratio of 1:200 (50 ml to 10 liters of water) for routine everyday cleaning and mop the floor with this solution using a microfiber mop. Extensive moisture impact resulting from standing cleaning water must be avoided.

Further information Follow the instructions on the data sheets of the products used.

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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