

Technical data sheet

DiiscoLack Aqua Silky Gloss (DiiscoLack Aqua Seidenglanz-lack)

Silky gloss paint for
interiors and exteriors



Water-soluble silky gloss paints for interiors and exteriors

Silky gloss white paint / Silky gloss coloured paint

- Can be watered down
- Low-odour
- Very good surface hardness
- Especially durable
- Block resistant
- Hand sweat resistant
- Excellent coverage
- Excellent gloss level
- Impressive colour depth
- UV-light-resistant

Application

DiiscoLack Aqua Silky Gloss Paint is used for silky gloss, durable paint coatings on wood, wood-based materials, metals, hard plastics without separating agents, mineral substrate, glass façade etc. for interiors and exteriors.

Binding agent base	Acryl mixed polymer
Smell	Very mild
Thickness	Approx. 1.14-1.26 g/ml, depending on colour
Gloss level:	Silky gloss
Colour	DiiscoLack Aqua Silky Gloss White Paint: White

The DiiscoLack Aqua Silky Gloss Coloured Paint can be universally tinted using Diessner MIX. Note: The supplied colours are to be checked for colour accuracy before painting. Please refer to BFS datasheet no. 25.

Container size	DiiscoLack Aqua Silky Gloss White Paint 0.75 / 2.5 litre containers. DiiscoLack Aqua Silky Gloss Coloured Paint 1.0 / 2.5 litre containers.
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Storage	Store in a cool, frost-free environment. Keep any opened containers tightly closed and use as soon as possible. Unopened containers can be kept for a minimum of 12 months.
Coverage	On smooth surfaces approx. 100-125 ml/m ² (8-10 m ² /litre) per step given normal material application. On poorly absorbent, rough or structured surfaces use more accordingly. Under certain circumstances determine material consumption through a test coat.
Product code	M-LW 01
VOC content	Class d type wb, VOC limit from 2010 = 130 g/l max. VOC value max. 130 g/l
Hazard identification	Not applicable
Water hazard class	1 (according to VwVwS), low water hazard
Declaration of ingredients	Acrylate copolymers, titanium dioxide, water, glycols, additives. Advice for people allergic to isothiazolinone is available on telephone number +49 (0)30 60 00 02-49.
Special notes	Should be kept out of reach of children. In case of contact with the eyes, rinse thoroughly with water and consult a doctor if necessary. Ensure that there is good ventilation while painting. When using in a spraying process, do not breathe in the spray mist and use suitable breathing apparatus in case of insufficient ventilation. Read the label and product information prior to use. Do not allow the paint to enter drainage systems, waterways or soil. Carefully cover all surfaces that are not to be coated. Rinse any paint sprayed onto surfaces with water whilst still wet.
Disposal	May not be disposed together with domestic waste. Do not dispose in the sink. Do not allow the paint to enter drainage systems. Place remaining material in special waste containers or bring to special waste collection points.
Disposal of material	Waste key: 080120 aqueous suspensions that contain paints or varnishes with organic solvents or other dangerous substances. Material residues may not be disposed together with domestic waste.

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Disposal of packaging	Waste key 150104 = waste disposal according to official regulations. Containers with residue must be brought to a special waste collection point. Uncontaminated and fully emptied packaging can be used for recycling. Interseroh-Recycling: Manufacturer number: 26967
Handling guidelines	
Preparation:	Stir the material carefully before use.
Substrate preparation:	See paragraph: Suitable substrates and their preparation and the sequence of coats.
Method of application:	Apply material by brushing and rolling. Spray application is possible with suitable spraying devices (airless, aircoat/airmix, fine coat, high pressure).
Hand application:	Spread DiiscoLack Aqua Silky Gloss Paint evenly, wet on wet and smooth out evenly with the brush or with a paint roller.
Spray application:	<p>Airless spray application*: Nozzle: 0.25-0.33 mm, spray pressure 160-200 bar</p> <p>Aircoat/airmix spray application*: Nozzle: 0.28 mm, spray pressure 60 bar, air pressure: 3-4 bar</p> <p>Fine coat spray application*: Nozzle 2.0-2.2 mm, if required material setting to 40-50 sec. in 4 mm DIN outlet cup**</p> <p>High pressure spray application*: Nozzle: 1.7-2.0 mm, air pressure: 3-4 bar, if required material setting to 40-50 sec. in 4 mm DIN outlet cup</p> <p>*The indicated values are guidance values.</p>
Protective equipment	Breathing protection mask with filter type A2/A3
**Dilution agent	Clean tap water

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Minimum handling temperature

+8°C substrate and ambient temperature

Drying time

Dry as dust at +23 °C and 50% rel. humidity after approx. 30 minutes, can be painted over after approx. 8 hours. Considerably longer drying time at lower temperatures and/or higher humidity.

Note: Ensure recirculating air during drying time.

Tools

Brushes, rollers and spraying devices suitable for aqueous paints. Clean tools immediately after use with water and some detergent.

Please note:

Do not use in direct sunlight, in strong winds, if there is a risk of rain, mist or dew, a risk of higher humidity (>75%) or a risk of night frost (during the entire processing and drying phase). Do not use if the ambient, subsurface or drying temperature is below +8°C. Protect from any humidity during the drying period. Failure to comply with this may result in damage to the coat in the form of peeling, blistering or premature chalking. Paint two primer coats on interior surfaces with high level of stress (e.g. humid rooms).

Suitable substrates and their preparation and the sequence of coats:

The non- or low-absorbent substrates named in the following are suitable. They must be dry as well as free of dirt and separating substances. Any old coats that are to be treated must be tested for their suitability, adhesion and stability. Remove unstable coats. In case of contact with products containing softeners (e.g. door and window sealing), an assurance must be obtained from the manufacturer that this is harmless and/or a test coat must be applied. Pay attention to VOB (contracting rules for award of public works contracts), part C, DIN 18363, para. 3, the respective BFS datasheets. Please refer to the statutory regulations in the case of any cleaning work. After sanding work, remove the sanding dust. We recommend creating sample areas before starting any work in order to test the adhesion and quality of the surface.

For interior high-grade door leaf or surface paints: Depending on requirements regarding the paint, 1-2 spatula applications using a corresponding paint spatula are to be carried out after the primer coat. Sand the spatula application accordingly and clean before further processing.

Uncoated wood and wood-based materials:

The max. wood moisture should not exceed 12% in case of hardwoods and 15% in case of softwoods. Remove greyed wooden layers. Sand, dedust and / or clean. Burn out resin discharges and wash with universal thinner, smooth edges. On exterior surfaces, apply a primer coat of DiescoLack Wood Protection Primer (DiescoLack Holzschutzgrund).

Primer or intermediate coats: DiescoLack Aqua Undercoat.

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Finishing coats: DiescoLack Aqua Silky Gloss Paint.:
On high-stress surfaces, apply a second coat.
Refer to BFS datasheet no. 18.

Plastics such as hard PVC, polyester etc.:

Sand and clean according to BFS datasheet no. 22. Before application, arrange a test surfaces and check adhesion after sufficient drying time.

Primer coat: Diessner Aqua Insulating Primer and Adhesion Promoter (Diessner Aqua Isolier- und Haftgrund).

Intermediate coat: DiescoLack Aqua Undercoat.

Finishing coat: DiescoLack Aqua Silky Gloss Paint.:

On high-stress surfaces, apply a second coat.

Renovation coats on matte old paint:

Sand faulty areas. Prepare faulty areas depending on material characteristics. Clean substrate. Repair faulty areas using Diesco Aqua Insulating Primer and Adhesion Promoter.

Intermediate coat: DiescoLack Aqua Undercoat.

Finishing coat: DiescoLack Aqua Silky Gloss Paint.:

Renovation coats on silky gloss or glossy old synthetic resin coats*:

Sand faulty areas. Prepare substrate depending on material characteristics. Sand and clean old paint. Carry out a prime coat using Diesco Aqua Insulating Primer and Adhesion Promoter.

* do not apply on thermoplastic/elastic old paint (e.g. acrylic paint).

Intermediate coat: DiescoLack Aqua Undercoat.

Finishing coat: DiescoLack Aqua Silky Gloss Paint.:

Concrete:

Remove any residue of separating agents as well as any multi-grain layers mechanically or using pressure water jets in compliance with the statutory regulations.

Apply a coat of Diessner Acrylic Hydro Primer (Diessner Acryl-Hydrogrund) to absorbent surfaces.

Base coat: Diessner Aqua Insulating Primer and Adhesion Promoter

Intermediate coat: DiescoLack Aqua Undercoat.

Finishing coats: DiescoLack Aqua Silky Gloss Paint.:

On high-stress surfaces, apply a second coat.

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Plasters from mortar group CS II, CS III, CS IV in accordance with DIN EN 998-1 = mortar group P II and P III in accordance with DIN V 18550:

Areas to be touched up must have dried out well and set. Apply a fluosilicate solution and rewash areas to be touched up. Please note: apply the fluosilicate solution to the surface including the outer edge and rewash with clear water. If a large area has to be touched up, apply the fluosilicate solution to the whole area and rewash. Brush down plasters with a multi-grain layer, stabilise by applying fluosilicate solution and rewash with clear water. Plasters with sintered layers: Remove the sintered layer by etching with fluosilicate solution or etching fluid and rewash with clear water. The plasters must be sufficiently solid; minimum pressure resistance 2.5 N/mm². New plasters should be left untreated for at least 2-4 weeks depending on the plaster after-treatment, time of the year and temperature conditions. Areas to be touched up must have dried out well and set. Apply a coat of Diessner Acrylic Hydro Primer (Diessner Acryl-Hydrogrund) to absorbent surfaces. Test the effectiveness of the primer. Please refer to BFS datasheet no. 9.

Primer or intermediate coats: DiescoLack Aqua Undercoat.
Finishing coats: DiescoLack Aqua Silky Gloss Paint.:
On high-stress surfaces, apply a second coat.

Note

This technical information is compiled to the best of our knowledge and corresponds to our state-of-the-art application technology. However, you can only obtain non-binding advice as the working method in each individual case is dependent on the condition of the structure to be coated and can only be decided on the basis of the actual surface in question. Conditional exceptions are to be taken into account on site. Liability cannot be derived from the aforementioned information.

Due to the different substructure materials and the working conditions that are out of our control, we recommend conducting sufficient tests in each case to ensure the suitability of our products for the intended procedures and purposes.

All previous versions cease to apply with the publication of this technical datasheet.