

ADLER Floor-Finish

42140 ff

Water-based sealing coat with anti-slip properties for **professional use**.

PRODUCT DESCRIPTION

General

Non-yellowing parquet sealing coat based on polyurethane-acrylate-copolymer dispersion. The product can be used as a single-component or as a two-component coating (after the addition of hardener). The product is characterized by excellent abrasion and scratch resistance, with special non-skid finishing, very good filling power and excellent surface resistance to chemical influences.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces):
Resistance to chemical reactions:
for 1K processing: 1-B
for 2K processing: 1-B1
Response to scratches:
for 1K processing: 4-E ($\geq 0,5$ N)
for 2K processing: 4-D (≥ 1.0 N)
Resistance to flame:
5-B (hardly inflammable furniture surface)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **ÖNORM C 2354**
Stress categories for wooden floors (minimum requirements):
For 1K processing: Class A and B
For 2K processing: Class A, B and C
- Meets the requirements of slip resistance class **R9** according to **BGR 181** (formerly ZH 1/571) and **DIN 51130**
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



05-19 (supersedes 12-16) ZKL 4202

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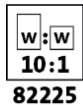
Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

Application areas

- **1K processing:**
For moderately to heavily stressed wooden floors and parquet flooring, especially in private residential areas. Meets the requirements of stress classes A (medium stress) and B (heavy stress) according to ÖNORM C 2354.
- **2K processing:**
For wooden floors and parquet floors subject to particularly heavy use (stress class C according to ÖNORM C 2354) such as anterooms, offices, business units, restaurants, stairs.

PROCESSING**Instructions for use**

- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 °C.
- The optimal conditions for use are between 15 – 25 °C with a relative atmospheric humidity between 40 – 80 %.
- Do not close containers with hardened material.
- ADLER Floor-Finish 42140 ff can be used in a 1 or 2-component process. Due to the higher resistance and the achievement of the highest stress class C according to ÖNORM C 2354 we recommend the **2-component processing**.
- Ensure that the paint is evenly distributed.

Blending ratio

10 parts by weight ADLER Floor-Finish 42140 ff
1 part by weight of ADLER Aqua-PUR-Härter 82225

Carefully incorporate ADLER Aqua-PUR-Härter 82225 into the paint/hardener mixture by stirring without forming lumps.

Alternatively:

Add ADLER Aqua-PUR Härter 82225 to the container and shake vigorously for about 1 minute. We recommend observing a waiting time of approx. 1 min. before processing.

Pot Life

max. 5 hrs

There is no recognizable end of the pot life.

A further extension of the pot life is not possible.

Application technique

Application method	Rolling (short-haired roller)	Brushing (soft acrylic brush)
Yield per application (m ² /l)	8 - 10	

The shape, the properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)

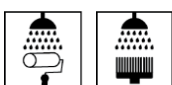


Recoatable	after approx. 4 hours
Grindable	after approx. 4 hours
Accessible	after approx. 8 hours
Attention: Do not put on carpets before 8 days at the earliest	

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

To ensure perfect drying, good room ventilation must be provided.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

Cleaning the working equipment

With water immediately after use.

To remove dried paint residues, we recommend using ADLER Abbeizer Express 8313000300.

SUBSTRATE**Type of substrate**

Hard and softwood (solid wood)

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

Wood moisture

Hardwoods: max. 12 % +/- 2 %.

Softwoods: 15% +/-2%

Preparation of the substrate

Wood sanding with grit size 120 - 150

If there are small cracks and joints, fill them with a mixture of 1 part by weight of sanding dust and approx. 2 parts by weight of ADLER Floor-Fill 42109. After approx. 1 hour of drying, sand the filled areas with grit size 120.

Please observe the relative technical data sheets of the products.

COATING SYSTEM**Primer coat**

1 x ADLER Floor-Start 42110

Intermediate drying: approx. 2 hours

Do not sand ADLER Floor-Start 42110.

Please observe the relative technical data sheets of the products.

Intermediate coat

1 x ADLER Floor-Finish 42140 ff

Intermediate drying: approx. 4 hours

Intermediate sanding

Before the final coating, light intermediate sanding is carried out with grit size 240 or used abrasive grid size 120 or finer.

A longer intermedio drying time (ideal is overnight drying) improves grindability.

Avoid sanding straight through!

Remove wood dust.

Finishing coat	1 x ADLER Floor-Finish 42140 ff
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MAINTENANCE AND RENOVATION

Maintenance

Cleaning with water or mild household cleaners for the first time after 14 days. For cleaning purposes ADLER Clean-Parkettreiniger 42198 can be added to wiping water. Refresh the sealing depending on the stress and if necessary with ADLER Clean-Parkettpflege 42199.

Please observe the relative technical data sheets of the products.

Renovation

Grind sealings that are heavily worn off using a special floor roll grinder. Use a corner grinder or an eccentric grinder for the border areas. Further processing as per new coating (see coating system).

Note: Do not apply ADLER Floor-Finish 42140 ff to floors consisting of prefabricated parquet elements, treat them instead with ADLER Clean-Parkettpflege 42199 (parquet care).

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit	4.5 l
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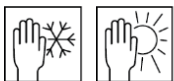
Gloss level	Matt	42140
	Seidenglänzend	42141

Supplementary products

ADLER Aqua-PUR-Härter 82225
 ADLER Floor-Fill 42109
 ADLER Floor-Start 42110
 ADLER Clean-Parkettreiniger 42198
 ADLER Clean-Parkettpflege 42199
 ADLER Abbeizer Express 8313000300

FURTHER DETAILS

Durability / storage



At least 1 year in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

GISCODE	W3DD+
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Safety-related information



Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

While grinding use at least dust filter P2 as personal protective equipment to protect against sanding and wood dust.