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Technical data sheet

ADLER
Paint runs through our veins.

ADLER Floor-Classic 42120 ff

Water-based **sealing coat** for parquet and wooden floors for **DIY and professional use**

PRODUCT DESCRIPTION

General

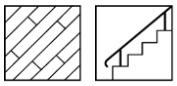
Non-yellowing one-component parquet sealing coat based on polyurethane-acrylate-copolymerdispersion. The product is characterized by excellent abrasion and scratch resistance, very good filling power and excellent surface resistance to chemical influences.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces):
  Resistance to chemical reactions: 1-B
  Response to scratches: 4-E (≥ 0.5 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):
  Class A and B

- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

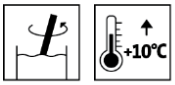
Application areas



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.

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 %.
- Ensure that the paint is evenly distributed.

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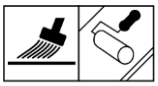
07-19 (supersedes 03-09) ZKL 4201

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: 0043/5242/6922-190, Fax: 0043/5242/6922-309, Mail: technical-support@adler-lacke.com

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 technique



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

The product is ready to use.

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)

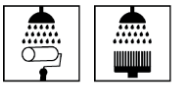
Recoatable	after approx. 4 hours
Grindable	after approx. 4 hours
Accessible	after approx. 8 hours
Attention: Do not put on carpets before 8 days at the earliest	

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.

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Intermediate coat	1 x ADLER Floor-Classic 42120 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-Classic 42120 ff

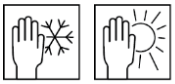
MAINTENANCE & RENOVATION

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-Classic 42120 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	1 l; 5 l; 10 l
Gloss level	Halbmatt 42120 Glänzend 42121
Supplementary products	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	W3
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.

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