

Floor-Finish

4202

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

PRODUCT DESCRIPTION

Product number(s)

42140 f

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 (≥ 0.5 N)
for 2K processing: 4-D (≥ 1.0 N)
Behavior towards small ignition sources (flammability):
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+



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 flooring exposed to particularly high levels of stress (stress class C according to ÖNORM C 2354) such as anterooms, offices, business areas, 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.
- Floor-Finish 4202 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 coating is evenly distributed.
- The compatibility, adhesion and color shade with the substrate must be tested by laying out trial plots.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.

Blending ratio

100 parts by weight Floor-Finish 4202
7 part by weight of Aqua-Crosslinker (8481) 8481

Add **Aqua-Crosslinker 8481** to the container and immediately shake vigorously for approx. 1 minute or alternatively **work it carefully into the paint component while stirring**. We recommend observing a waiting time of approx. 10 minutes before processing.

Pot life

approx. 8 hours

There is no recognizable end of the pot life.

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

Application technique

Application method	Rolling (short-haired roller)	Brushing (soft acrylic brush)
Application quantity per application (ml/m ²)	100 – 125	
Yield per application (m ² /l)	8 - 10	

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. 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.

Avoid direct sunlight!

Cleaning the working equipment

With water and soap immediately after use.

To remove dried product residues, we recommend using Abbeizer Express 8313.

SUBSTRATE**Type of substrate**

Hardwoods and softwoods (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 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 Floor-Fill 4207. 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

1 x Floor-Start 4205

Intermediate drying time: approx. 2 hours

Do not sand Floor-Start 4205.

Please observe the relative technical data sheets of the products.

Intermediate coat

1 x Floor-Finish 4202

Intermediate drying time: 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 intermediate drying time (ideal is overnight drying) improves grindability.

Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging.

Remove sanding dust.

Finishing coat

1 x Floor-Finish 4202

MAINTENANCE AND RENOVATION

Maintenance

Cleaning with water or mild household cleaners for the first time after 14 days. For cleaning purposes Clean-Parkettreiniger 7207 can be added to wiping water. Refresh the sealing depending on the stress and if necessary with Clean-Parkettpflege 7204.

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 Floor-Finish 4202 to floors consisting of prefabricated parquet elements, treat them instead with Clean-Parkettpflege 7204 (parquet care).

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit	1 l, 4.5 l	
Gloss level	Matt (mat)	42140
	Seidenglänzend (silky glossy)	42141

Supplementary products	Aqua-Crosslinker (8481) 8481 Floor-Fill 4207 Floor-Start 4205 Clean-Parkettreiniger 7207 Clean-Parkettpflege 7204 Abbeizer Express 8313	
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OTHER INSTRUCTIONS

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).

Close opened containers well and use as soon as possible.

GISCODE

W2+

Declaration of ingredients according to VdL-RL 01

Polyurethane dispersion, water, glycols and glycol ethers, rheological, interfacial and wetting additives, defoaming agents (antifoaming agents), preservatives.

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-on and 2-methyl-2H-isothiazol-3-one (3:1).
May cause allergic reactions.

Information for allergy sufferers under telephone no. +43 5242 6922-713.

Safety-related information

The usual protective measures must also be observed when processing low-pollutant products.

While grinding use at least dust filter P2 as personal protective equipment to protect against sanding and wood dust. In case of hardwood (especially for Beech, Oak) a dust filter P3 is recommended.

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.
