ADLER Floor-Finish 42140 ff

Water-based sealing coat with non-skid properties for DIY and professional use.

<table>
<thead>
<tr>
<th>PRODUCT DESCRIPTION</th>
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<tbody>
<tr>
<td><strong>General</strong></td>
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<tr>
<td>Non-yellowing and non-skid water-based sealing coat that can be used as a single-component or dual-component coating (after the addition of hardener) for parquet. Excellent abrasion and scratch resistance, with special non-skid finishing, excellent filling power and top class surface resistance to chemical exposure</td>
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<table>
<thead>
<tr>
<th><strong>Special properties and standards</strong></th>
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<tbody>
<tr>
<td>• ÖNORM A 1605-12 (Furniture surfaces)</td>
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<tr>
<td>Resistance to chemical reactions:</td>
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<tr>
<td>For 1-comp. processing: 1-B</td>
</tr>
<tr>
<td>For 2-comp. processing: 1-B1</td>
</tr>
<tr>
<td>Response to scratches:</td>
</tr>
<tr>
<td>For 1-comp. processing: 4-E (≥ 0,5 N)</td>
</tr>
<tr>
<td>For 2-comp. processing: 4-D (≥ 1,0 N)</td>
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<tr>
<td>Flame-retardant:</td>
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<tr>
<td>5-B (highly non-flammable furniture surfaces)</td>
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| • ÖNORM A 3800-1 (Fire behaviour) in conjunction with a flame-retardant substrate: highly non-combustible or flame-retardant (formerly B 1 in accordance with B 3800 -1), Q1, Tr 1 |

| • ÖNORM C 2354 |
| Minimum specifications for wooden floors  |
| 1-component processing: Stress categories A and B |
| 2-component processing: Stress categories A, B and C |
| Complies with the specifications of the skid class R9 in accordance with BGR 181 (previously ZH 1/571) and DIN 51130. |
| Emission-tested construction product according to DIBt principals |
| French Ordinance DEVL1104875A regarding the labelling of construction coating products with respect to their emission of volatile pollutants: A+ |

<table>
<thead>
<tr>
<th><strong>Application area</strong></th>
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<tbody>
<tr>
<td>• One-component processing: For wooden floors and parquets that are exposed from moderate to high levels of stress, especially for private living areas. It fulfills the specifications in accordance with stress category A (moderate stress) and B (extreme stress) in accordance with ÖNORM (Austrian standards) C 2354.</td>
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<tr>
<td>• Two-component processing: For wooden floors and parquets that are exposed to high levels of stress (stress category C in accordance with ÖNORM C 2354) such as, e.g. lobbies, offices, business areas, restaurants,</td>
</tr>
</tbody>
</table>
staircases. Not suitable for dance floors.

- ADLER Floor Finish 42140 ff can also be used on wooden surfaces in interior finishing.

## 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.
- Avoid direct sunlight during the proceeding.
- ADLER Floor-Finish 42140 ff can be used by choosing one- or two-component processing. Due to higher resistances and achieving the highest stress category C according to ÖNOMR C 2354 we recommend a **two-component processing**.
- Ensure a uniform distribution of the paint.

### Blending ratio

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

ADLER Aqua-PUR-Härter 82225 must be carefully mixed with the painting component by stirring before use.

Alternative:

Add ADLER Aqua-PUR-Härter 82225 to the trading unit and immediately shake strongly for about 1 minute. Wait until processing 1 minute.

### Pot life

Process the ready mixture of paint and hardener within a maximum of 5 hours. End of the pot life is not recognizable.

### Application technique

<table>
<thead>
<tr>
<th>Application method</th>
<th>Roller brush (short bristle roller)</th>
<th>Using a brush (soft brush for acrylic paints)</th>
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<tbody>
<tr>
<td>Yield per application (m²/l)</td>
<td>8 - 10</td>
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</table>

The product is ready for use.

The shape and properties of the substrate and wood moisture 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)

<table>
<thead>
<tr>
<th></th>
<th>Recoatable</th>
<th>after approx. 4 hours</th>
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<tbody>
<tr>
<td>Grindable</td>
<td>after approx. 4 hours</td>
<td></td>
</tr>
<tr>
<td>Accessible</td>
<td>after approx. 8 hours</td>
<td></td>
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</tbody>
</table>

Attention: **Lay carpets at the earliest after 8 days**

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

In order to ensure proper drying, please ensure adequate room ventilation.

The figures indicated serve as a guide and are for reference. The drying time depends on the type of wood, coat thickness, temperature, air exchange and relative atmospheric humidity.
Cleaning the working equipment

Clean with water immediately after use.
Remove flashed-off coat residues using ADLER Abbeizer Rote Krähe 95125.

SUBSTRATE

Type of substrate
Hardwood and softwood

Substrate property (or condition)
The substrate must be dry, clean, capable of holding the paint, free of grease, wax and wood dust.

Wood moisture
Hardwood: max. 12 % +/- 2 %
Softwood: 15 % +/- 2 %

Preparation of the substrate
Sanding grain size 120 – 150
Use dust filter P2 while sanding or grinding.
If there are minor cracks and joints, fill the surface using a mixture of 1 part by weight of sanding dust and about 2 parts by weight of ADLER Floor-Fill 42109. Sand the surface using 120-grit sand paper after allowing it to dry for about 1 hour.
Please follow the respective technical data sheets of the products.

COATING SYSTEM

Primer Coat
Apply 1 coat of ADLER Floor-Start 42110
(isolates wood extractives and reduces the lateral bonding of strip flooring).
Do not fill coarsely porous hardwoods and tropical woods.
Intermediate drying: approx. 2 hours
**Do not sand ADLER Floor-Start 42110.**
Please follow the respective technical data sheets of the products.

Intermediate Coat
Apply 1 coat of ADLER Floor-Finish 42140 ff
If the primer coat is applied by filling:
Apply 2 coats of ADLER Floor-Finish 42140 ff
Intermediate sanding: approx. 4 hours

Intermediate sanding
Sand the surface lightly using sand paper of 240-grit or used sanding grid of 120-grit or finer prior to applying the last coat.
A longer drying time (ideally drying overnight) improves the grindability.
Avoid sanding through.
Remove wood dust.
Use dust filter P2 while sanding or grinding.

Topcoat
Apply 1 coat of ADLER Floor-Finish 42140 ff

MAINTENANCE & RENOVATION

Maintenance
Use water or mild household cleaning agents for the first time only after 14 days. For cleaning it is possible to add ADLER Clean-Parkettreiniger 42198 to the wiping water.
Refresh the sealer with ADLER CLEAN Parkettpflege 42199 (Parquet care) depending on the level of stress and if it is required.

Please follow the respective technical data sheets of the products.

**Maintenance**

Grind sealing 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 described starting from “Coating System”.

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

Please follow the respective technical data sheets of the products.

**ORDERING INFORMATION**

**Size of trading unit**

4.5 L

**Colour/degree of gloss**

Matt 42140
Satin glossy 42141

**By-products**

ADLER Aqua-PUR-Härter 82225
ADLER Floor-Fill 42109
ADLER Floor-Start 42110
ADLER Clean-Parkettreiniger 42198
ADLER Clean-Parkettpflege 42199
ADLER Abbeizer Rote Krähe 95125

**FURTHER DETAILS**

**Durability / Storage**

At least 1 year in the original sealed containers. Make sure the product is protected against frost and high temperatures (over 30°C).

**GISCODE**

W3/DD+

**Safety-related information**

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at [www.adler-lacke.com](http://www.adler-lacke.com).