

ADLER Pigmocryl-Metallic

3111

Water-based metallic paint for furniture surfaces for industrial and professional use

PRODUCT DESCRIPTION

General

Water-based metallic paint for furniture surfaces. Good mechanical and chemical resistance, excellent cream and grease resistance (CFB), very good resistance to exposure to light.

Application area



- For the coating of furniture and interior finishing exposed to high levels of stress, such as kitchen and bathroom furnishing, tabletops (excluding work surfaces)
- Open and closed-pore painted surfaces.
- For painting wall and ceiling elements.

PROCESSING

Instructions for use



- Please stir product well before and during use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints and lacquers are used.
- Adding 4 % **ADLER Aqua-Vernetzer 82210** to paint combined with 5 % added curing agent (**ADLER Aqua-PUR-Härter 82221**) increases the adhesion and moisture resistance with applications on glass. The pot life is 2 hrs.
- Please observe the respective technical data sheets of the products.
- Please follow our "**Working guidelines for water-based furniture varnishes**".

Application technique

Application method	Cup gun preferably with integrated stirrer
Spraying nozzle (ø mm)	1.8
Spraying pressure (bar)	3 - 4
Dilution (thinning)	water
Addition of thinner in %	0
Viscosity (s) 4 mm cup, 20°C	approx. 130
Application quantity (g/m ²)	approx. 40 - 60 Total application amount: up to max. 450

The shape, 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)



An application of 50 g/m² can be easily painted over after approx. 2 hours' drying at room temperature.

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.

Cleaning the working equipment

With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE**Type of substrate**

Filled natural wood surfaces, chipboards, MDF boards, carrier plates coated with priming film.

Substrate property (or condition)

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.

Preparation of the substrate

Carrier plates coated with priming film:
Sand with grit size 240 and clean.

COATING SYSTEM

Primer coat**For closed-pore, dull-finish paint surfaces**

- a) Particle boards coated with priming film possibly; one-time spray application using ADLER Aqua-Isospeed Weiß 31016
- b) Solid wood or particle boards veneered using cross veneer (e.g. beech), 2 primer coats using ADLER Aqua-Isospeed Weiß 31016 or ADLER Aqua-Isospeed Thix Weiß 31017
- c) MDF boards, 2 - 3 primer coats using ADLER Aqua-Isospeed Weiß 31016 + 5 % ADLER Aqua-PUR-Härter 82220 or ADLER Aqua-Isospeed Thix Weiß 31017 + 5 % ADLER Aqua-PUR-Härter 82220. Alternatively: 1 x pre-insulated with ADLER Aqua-Soft CFB 30361 ff and 2 x primed with ADLER Aqua-Isospeed Weiß 31016

For open-pore, dull-finish paint surfaces

Pre-insulation with 150 - 200 g/m² ADLER Aqua-Isospeed Weiß 31016 + 5 % ADLER Aqua-PUR-Härter 82220 for

- types of wood whose resin is inclined to flow (e.g. pine)
- types of wood with water-soluble, dyeing substances in the wood (e.g. ash)

Intermediate drying: overnight

Please observe the respective technical data sheets of the products.

Intermediate sanding

Grit size 280 - 360

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

Product application

Apply a flowing film of ADLER Aqua-Metallic paint from 4 sides.

Intermediate drying time

At least 2 hrs, but within one working day, at room temperature

Topcoat

1 x ADLER Aqua-Top Antiscratch or ADLER Aqua-Soft CFB in the required gloss level or ADLER Aqualux MSL 29183 ff.

CLEANING AND MAINTENANCE

Cleaning

Cleaning with ADLER Clean Möbelreiniger 96490.

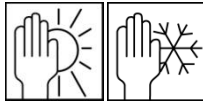
Please observe the respective technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit	1 kg, 10 kg	
Colour / degree of gloss	Alu AM	3111 053168
	Platinum	3111 053166
	Bronze	3111 053167
	Other custom-made colours can be supplied. ADLER Pigmocryl-Metallic cannot be tinted using ADLER Pigmocryl NG!	

Supplementary products	ADLER Aqua-Isospeed Weiß 31016 ADLER Aqua-Isospeed Thix Weiß 31017 ADLER Aqua-Top Antiscratch 30341 ff ADLER Aqua-Soft CFB 30361 ff ADLER Aqualux MSL 29183 ff ADLER Aqua-Cleaner 80080 ADLER Clean-Möbelreiniger 96490
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FURTHER DETAILS

Durability / storage

At least 6 months in the original sealed containers.

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

Technical specifications

Delivery viscosity	130 ± 5 s in accordance with DIN 53211 (4-mm cup, 20°C)
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Safety-related information

Please pay attention to the associated safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

In general, you must avoid inhaling paint aerosols when spraying; this is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).
