

ADLER Aqua-Feel CFB

30431

Water-based topcoat for furniture and interior finishing for industrial and professional use

PRODUCT DESCRIPTION

General

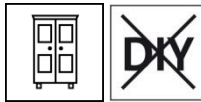
Water-based, transparent 2-component polyurethane topcoat to preserve a natural character of untreated wood, having a satin-like feel and excellent scratch resistance. Very good mechanical and chemical resistance, elegant matt effect and beautiful pore pattern.

Special properties and standards



- **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 S 1555** and **DIN 53160** Perspiration and saliva-proof properties
- **ÖNORM EN 71-3** - Safety of toys, migration of certain elements (free of heavy metals)
- **French Ordinance DEVL1104875A** regarding the labelling of construction coating products with respect to their emission of volatile pollutants: A+

Application area



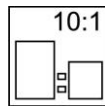
- For open-pore coating of furniture surfaces and interior finishing, if the natural appearance of the respective wood type should be preserved.
- Excellent scratch resistance in spite of the dull matt surface.
- Uniform matting with good accentuation of the wood even on dark stained substrates.
- Suitable for surfaces bleached with hydrogen peroxide.

PROCESSING

Instructions for use

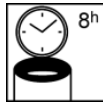


- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints and lacquers are used.
- Please follow our „**Working guidelines for water-based furniture paints / lacquers**“.

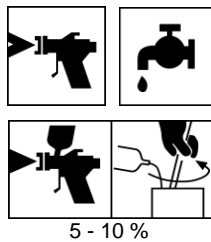
Blending ratio

100 parts by weight of ADLER Aqua-Feel CFB 30431
10 parts by weight of ADLER Aqua-PUR-Härter 82221

ADLER Aqua-PUR-Härter must be carefully mixed with the painting component by stirring before use. We recommend waiting for about 10 min. before use.

Pot life (for 2 comp. processing)

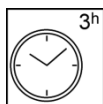
8 hours at approx. 20 °C; higher temperature reduces the pot life. The paint/hardener mixture has not gelled after such period of time. Application, however, is no longer possible once the pot life has been exceeded.

Application technique

Application method	Airless	Airless pressurized (Airmix, Aircoat etc.)	Cup gun
Spraying nozzle (ø mm)	0.23 – 0.33	0.23 – 0.33	1.8
Spraying pressure (bar)	100 – 120	100 – 120	3 - 4
Atomized air (bar)	-	1 – 2	-
Dilution (thinning)	Water		
Thinner amount in %	-	-	5 - 10
Application quantity (g/m ²)	approx. 70 – 90 per application; Total application quantity (primer and topcoat) max. 450		

Drying times

(at 23 °C and 50 % rel. humidity)



Manipulable	After approx. 3 hours
Stackable	After drying overnight

The final feel of surface is obtained after about 2 days.

The figures indicated serve as a guide and are for reference. The drying time depends on the substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Low temperatures and / or high levels of atmospheric humidity can increase the drying time.

Cleaning the working equipment

With water immediately after use.

Remove flashed-off coat residues with ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE**Type of substrate**

Hardwood and softwood (solid wood, veneered-, (laminated) plywood-, wood fiber materials).

Substrate property (or condition)

The substrate must be dry, clean, stable, free of grease, wax and wood dust.

Preparation of the substrate**Hardwood:** wood sanding grain size 150 – 180**Softwood:** wood sanding grain size 100 – 150**Primer-film coated carrier plates:**

Sanding grain size 220

COATING SYSTEM**Primer coat**

Apply a prime coat of transparent, water-based furniture varnishes, such as ADLER Aqua-Resist 30461 ff or ADLER Aqua-Soft CFB 30361 ff or pigmented, water-based varnishes, such as ADLER Pigmocryl CFB 31105 ff.

Please follow the respective technical data sheets of the products.

Intermediate sanding

Grain size 240 – 320

Avoid through sanding!

Topcoat

1 x ADLER Aqua-Feel CFB 30431

MAINTENANCE

Cleaning with ADLER Clean-Möbelreiniger 96490.

Please follow the respective technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

4 kg; 20 kg

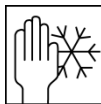
Colour shades/Degree of gloss

Stumpfmatt (dull matt)

30431

By-products

ADLER Aqua-PUR-Härter	82221
ADLER Aqua-Resist	30461 ff
ADLER Aqua-Soft CFB	30361 ff
ADLER Pigmocryl CFB	31105 ff
ADLER Aqua-Cleaner	80080
ADLER Clean-Möbelreiniger	96490

FURHTER DETAILS**Durability / Storage**

At least 6 months in the original sealed containers.

Cool, but frost-free

Technical specificationsDelivery
viscosity90 ± 50 s in accordance with DIN 53211
(4-mm-cup, 20 °C)**Safety-relevant information**Please follow the associated Safety data sheet! The latest version can be retrieved from the Internet at www.adler-lacke.com.

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