Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
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Technical data sheet

ADLER Aqua-Mira CFB 30471 ff

Description

Water-thinnable and thixotropic clear coat for wood based on self-crosslinking polyacrylate emulsions. It can be applied coat on coat; it provides very good grain accentuation and transparency as well as extremely high filling capacity; excellent resistance to cream and grease (CFB); offers good resistance to chemical reactions and mechanical stresses; good light fastness; excellent firmness on vertical surfaces.

ADLER Aqua-Mira CFB 30471 ff contains a special UV filter shielding it from the impact of light, and this protects the wood substrate and stains used on it, if any, from premature yellowing or fading.

Resistance to chemical reactions		
ÖNORM A 1605-12 – Test 1	Rating category	1-B
Response to abrasion		
ÖNORM A 1605-12 – Test 2	Rating category	2-D (≥ 50 U)
Response to scratches		
ÖNORM A 1605-12 – Test 4	Rating category	4-E (≥ 0,5 N)
Resistance against flame treatment		
ÖNORM A 1605-12 – Test 5	Rating category Flame-retardant furniture surface)	5-B
ÖNORM A 3800-1 (formerly B 3800-1)	Flammability class	Flame-retardant (formerly B 1)
(in combination with a highly non-combustible substrate)	Smoke production class	Q 1 (smouldering)
	Drop formation class	Tr 1 (non-drip)

Areas of application

- For open-pored and close-pored coating of furniture and indoor extensions (Areas of application III to IV in accordance with ÖNORM A 1610-12) e.g. for living and bedroom furnishings etc.
- Highly suitable for coating chairs and other standing pieces of furniture or for objects, which require excellent resistance to creams and grease.
- For highly non-inflammable or flame-retardant structures.
- ADLER Aqua-Mira 30471 ff has some of its own colour, which can possibly interfere with light shades of stains. It is not suitable for applying as the topcoat on pigmented furniture surfaces.

Processing

ADLER Aqua-Mira CFB 30471 ff, above all, is meant for the “coat on coat” method of application.

Delivery viscosity	3000 - 3500 cP Brookfield (140 - 160 see DIN 53211, 6 mm beaker)

04-10 (replaces 02-10) ZKL 3047 b.w.

ADLER-Werk Lackfabrik, A-6130 Schwaz
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Our instructions for use are based on knowledge available currently and shall guide the purchaser / 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 purchaser / user decides about the acceptance and use of the delivered product at his / her won risk, which is why we recommend that a sample piece be prepared to check the acceptability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for modification of the container sizes, colour shades and degree of gloss.

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Processing viscosity	**Airless / Air mix spraying** (0.23 – 0.33 mm nozzle, 100 - 120 bar / 60 - 90 bar, 1 - 2 bar) – undiluted **Compressed-air spraying** (2 mm nozzle, 2.5 - 3.5 bar) Approx. 5 % water
Quantity to be applied	90 - 120 g/m² per coat; Total quantity to be applied: max. 450 g/m²
Drying time	One coat of approx. 100 g/m² can be sanded and recoated well after about 2 hours of drying time at room temperature. High level of humidity or low temperatures can increase the drying time considerably. When drying at room temperature, drying time of about 12 hours is recommended, since by doing so the content of residual solvents in the paint film is kept low and the firmness of the coat improves.
Minimum working temperature	The temperature of the paint and object, and the room temperature must be at least + 15 °C.
Intermediate sanding	Grain size 240 - 320

ADLER Aqua-Mira CFB 30471 ff is characterised by excellent transparency and good grain accentuation of the wood substrate. If a higher level of grain accentuation is desired on dark woods, they should be stained before applying the coat.

Various types of wood such as **Oak and Larch** etc. contain water-soluble substances, which become active when a topcoat of water-thinnable furniture paint is applied. In order to prevent fading or marks (these can be differently pronounced depending on the origin of the wood), we recommend that a coat of ADLER PUR-Primer 2591 (please refer to the technical data sheet!) be applied first before coating **Oak, Larch** and **other types of wood rich in substances**.

Please observe our **"Guidelines for working with water-thinnable wooden paints and varnishes"** as well as the **Safety Data Sheets of paints, varnishes and hardeners.**

Other Instructions

Dilution (thinning)	Water
Storage stability	12 Months – Store frost-free

Degree of Gloss

G 10	Dull matt	30471
G 30	Matt	30473
G 50	Semi-matt	30475
G 70	Silk matt	30477

Container sizes

5 kg, 25 kg

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