

Bluefin Softmatt

3052

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

PRODUCT DESCRIPTION

General

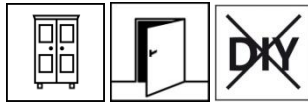
Water-based, transparent 2-component acrylate topcoat to preserve a natural character of untreated wood, having a satin-like feel (soft touch) and excellent scratch resistance. Excellent lamination of finger prints in spite of the dull matt surface.

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** or **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 marking of construction coating products for their emission of volatile pollutants: A+

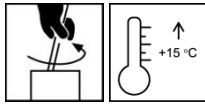
Application area



- For the coating of furniture and interior finishing exposed to normal levels of stress such as bedroom suite and living room furniture: application areas III to IV according to ÖNORM A 1610-12.
- For open-pore coating of furniture surfaces and interior finishing, if the natural appearance of the respective wood type should be preserved.
- Applicable as a topcoat on suitable approved basecoats.
- Applicable as a topcoat on pigmented varnishes such as ADLER Pigmocryl NG.
- Bluefin Softmatt is also applicable on veneered boards (softwood) „varnish on varnish“.
- Suitable for surfaces bleached with hydrogen peroxide.
- Please observe the relative technical data sheets of the products.

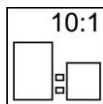
PROCESSING

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.
- Various types of wood such as **Oak, Larch**, etc. contain water-soluble substances, which become active when applying a topcoat using water-based furniture varnishes. Hence, in order to prevent fading or marks (these can be evident in varying degree depending on the origin of the timber), we recommend applying a prime coat using ADLER PUR-Primer 25291 in case of **Oak, Larch** and **other wood types rich in extracts**. As an alternative for hardwood ADLER Aqua-Intense GL 30016 can be used as a primer.
- 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**“.
- Please observe the relative technical data sheets of the products.

Blending ratio

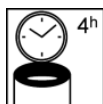


100 parts by weight of Bluefin Softmatt 3052000105
10 parts by weight of ADLER Aqua-PUR-Härter 82221

ADLER Aqua-PUR-Härter (hardener) must be incorporated carefully in the painting component by stirring.

After adding the hardener, it is recommended that you wait for about 10 min. for improved de-aeration.

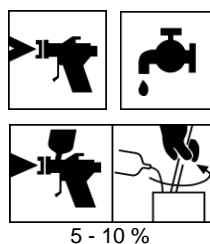
Pot life



4 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

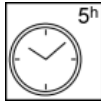


Application method	Airless	Airless pressurized (Airmix, Aircoat etc.)	Cup gun
Spraying nozzle (ø mm)	0.23 – 0.33	0.23 – 0.33	1.8
Spraying pressure (bar)	100 – 120	100 – 120	3 - 4
Atomized air (bar)	-	1 – 2	-
Dilution (thinning)	water		
Thinner amount in %	-	-	5 - 10
Application quantity (g/m ²)	approx. 80 – 110 per application; Total application quantity (primer and topcoat) max. 400		

The shape, the properties and wood 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)



Manipulable	after approx. 5 hours
Grindability "varnish on varnish"	after drying overnight
Stackable	after drying overnight

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

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.

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

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**

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

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

Hardwood: wood sanding grain size 180 – 220

Softwood: wood sanding grain size 120 – 150

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 NG 3201 ff.

Please observe the relative technical data sheets of the products.

Intermediate sanding

Grain size 280 – 320

Avoid through sanding!

Topcoat

1 x Bluefin Softmatt 3052

MAINTENANCE & RENOVATION**Maintenance and renovation**

Cleaning with ADLER Clean-Möbelreiniger 96490.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION**Size of trading unit**

4 kg; 20 kg

Colour shades/degree of gloss

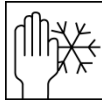
Naturmatt

3052000105

Supplementary products

ADLER Aqua-PUR-Härter	82221
ADLER Aqua-Resist	30461 ff
ADLER Aqua-Soft CFB	30361 ff
ADLER Pigmocryl NG	3201 ff
ADLER Aqua-Cleaner	80080
ADLER Clean-Möbelreiniger	96490

FURHTER DETAILS

Durability / storage

At least 6 month in the original sealed containers.

Cool, but frost-free

Technical specifications

Delivery viscosity	90 ± 20 s in accordance with DIN 53211 (4-mm-cup, 20 °C)
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Safety-relevant information

Please follow the associated safety data sheet, the latest version can be retrieved from the Internet at www.adler-lacke.com.

The product is only suitable for the industrial and professional use

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).
