

Bluefin Pigmores ST42

3286

Water-based, pigmented structural effect coating for **furniture and interior finishing for industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based, pigmented two-component furniture coating to achieve a structural effect, good mechanical and excellent chemical resistance. The product is cream and grease resistant (CFB) and has a high resistance to light. Good filling power and good firmness on vertical surfaces.

Special properties and standards

- **ÖNORM A 1605-12** (furniture surfaces)
Resistance to chemical reactions: 1-B1
Response to abrasion: 2-D (≥ 50 U)
Response to scratches: 4-E (≥ 0.5 N)
Flame treatment: 5-B (hardly inflammable furniture surface)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate:
flame-retardant (formerly B 1 acc. to B 3800 -1), Q1, Tr 1
- **Coating systems for domestic furniture - vertical surfaces (CATAS):**
 - UNI 9115 (resistance to abrasion): ≥ 101 U
 - UNI 9428 (scratch resistance): $\geq 0,5$ N
 - EN ISO 2409 (cross-cut test): ≤ 1
 - UNI 9429 (change of temperature): no defects
 - UNI 8427 8427 (light resistance): > 4
 - Resistance to cream: fulfilled
 - UNI 10944 (cold liquids EN 12720): C
 - UNICHIM 2195-07 (storage in a dark place): $\geq 4/5$
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+



Application areas



- Open and closed-pore varnished pigment surfaces.
- For the coating of furniture and interior finishing exposed to normal levels of stress, such as tabletops and shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas: application areas III – IV in accordance with ÖNORM A 1610-12.
- For hardly inflammable or flame-retardant coating systems.

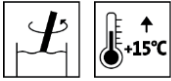
11-18 ZKL 3286

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: 0043/5242/6922-301, Fax: 0043/5242/6922-309, Mail: technical-support@adler-lacke.com

Our instructions for use are based on knowledge available currently and shall guide the buyer/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 buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Otherwise our General Terms of Sale apply. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

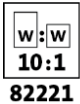
PROCESSING

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 are used.
- Please follow our “**Working guidelines for water-based furniture varnishes**”.

Blending ratio



10 parts by weight Bluefin Pigmores ST42 3286
1 part by weight of ADLER Aqua-PUR-Härter 82221

ADLER Aqua-PUR-Härter must be carefully worked into the paint components by stirring before processing. We recommend observing a waiting time of approx. 10 min. before processing.

Pot life



3 hours

Increased temperatures reduce the pot life.

Application technique



Application method	Airless	Airless air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (ø mm)	0.23 - 0.33	0.23 - 0.33	2.0
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4
Atomized air (bar)	-	1 - 2	-
Viscosity (s) 4-mm-cup, 20°C	approx. 85	approx. 85	approx. 85
Application quantity per application (g/m ²)	approx. 120 - 200; total quantity applied: max. 450 - closed pore surfaces: approx. 130 - open pore coating system in pastel shades and RAL 9010: approx. 150-200 - open pore coating system in full shades: approx. 120 - 150		

The product is ready to use.

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable with Bluefin Pigmores ST42 3286	after approx. 5 hours
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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 or ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

**SUBSTRATE****Type of substrate**

Solid wood or wood particle/wood fiber materials veneered or coated with priming film, which are suitable for opaque coatings.

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, etc. as well as tested for suitability for coating.

Preparation of the substrate

Sanding with grit size 150 - 180

Film-coated chip boards: Sanding with grit size 180 – 220

COATING SYSTEM**Primer****For closed-pore surfaces**

- a) Film-coated particle boards possibly one coat using Bluefin Isospeed 3134
- b) Solid wood or chipboard panels veneered with blind veneer (e. g. beech), 2 x Bluefin-Isospeed 3134
- c) MDF boards, with 2 to 3 primer coats of Bluefin Isospeed 3134 + 5 % ADLER Aqua-PUR-Härter 82220 or one coat of pre-insulation with ADLER Aqua-Soft CFB 30361 ff and 2 primer coats with Bluefin Isospeed 3134.

For open-pore surfaces

Pre-insulation with 150 - 200 g/m² Bluefin Isospeed 3134 + 5 % ADLER Aqua-PUR-Härter 82220 for

- wood species with a tendency to resin flow (e. g. pine)
- wood species with water-soluble colouring wood components (e. g. ash)
- coating systems in RAL 9010 "Reinweiß" (pure white) and in pastel shades
- regarding coating systems for full-tone-colours it is sufficient to apply one primer coat with 150 - 200 g/m² Bluefin Pigmores ST42

In each case drying overnight at room temperature.

Please observe the relative technical data sheets of the products.

Intermediate sanding

Grit size 280 - 360

Avoid sanding straight through!

**Topcoat**

1 x Bluefin Pigmores ST42 3286 in the desired colour shade

Cleaning					
Cleaning	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 / degrees of gloss	Standard colours: RAL 9010 3286009010 Other colours on request				
Supplementary products	ADLER Aqua-PUR-Härter 82221 ADLER Aqua-Cleaner 80080 Bluefin Isospeed 3134 ADLER Clean-Möbelreiniger 96490				
FURTHER DETAILS					
Durability / storage	At least 9 months in the original sealed containers. Store cool but frost-free.				
					
Technical specifications	<table> <tbody> <tr> <td>Delivery viscosity</td> <td>120 ± 5 s in accordance with DIN 53211 (4-mm-cup, 20°C)</td> </tr> <tr> <td>Mixing viscosity</td> <td>85 ± 5 s in accordance with DIN 53211 (4-mm-cup, 20°C)</td> </tr> </tbody> </table>	Delivery viscosity	120 ± 5 s in accordance with DIN 53211 (4-mm-cup, 20°C)	Mixing viscosity	85 ± 5 s in accordance with DIN 53211 (4-mm-cup, 20°C)
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Safety-related information	<p>Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at www.adler-lacke.com.</p> <p>The product is only suitable for industrial and professional use.</p> <p>In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).</p>				
