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

Technical data sheet

Paint runs through our veins.

Bluefin Pigmosoft 3295

Water-based pigment paint for **furniture and interior finishing**, for **industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based, pigmented, natural matt 2C furniture topcoat with a velvety feel (soft touch), excellent scratch resistance and outstanding resistance to the formation of shiny patches with innovative self-regenerative properties for open and closed-pore pigment painted surfaces. Does a very good job of concealing fingerprints, despite the dull matt surface. The product offers outstanding resistance to the effects of light.

Special properties and standards

- **ÖNORM A 1605-12 (furniture surfaces)**
  Resistance to chemical reactions: 1-B1 (except for pure white and pastel shades)
  Response to abrasion: 2-D (≥50 U)
  Response to scratches: 4-D (≥ 1.0 N)
  Flame treatment: 5-B (hardly inflammable furniture surface)
- **DIN 68861 (furniture surfaces)**
  Part 1: Response to chemical stress: 1-B (except for pure white and pastel shades)
  Part 2: Response to abrasion: 2 D (> 50 to ≤ 150 U)
  Part 4: Response to scratches: 4 D (> 1,0 bis ≤ 1,5 N)
- **ÖNORM A 3800-1 (fire behaviour)**
  In conjunction with a flame-retardant substrate:
  flame-retardant, Q1, Tr 1
- **DIN 53160-1 and DIN 53160-2**
  Perspiration and saliva-proof properties
- **ÖNORM EN 71-3**
  Safety of toys; migration of certain elements (free of heavy metals)
- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

For the coating of furniture and interior finishing exposed to high levels of stress, such as tabletops and shelves in the kitchen and living area, bathrooms, offices and in the contract sector, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas. Application areas II to IV in accordance with ÖNORM A 1610-12. The application area depends on the colour shade. Pure white and pastel shades meet the requirements except for a few colouring test materials.

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

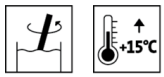
Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

Can be used as a colored varnish on Bluefin Pigmores 4in1 in various qualities.

For hardly inflammable or flame-retardant coating systems.

PROCESSING

Processing instructions



- 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.
- When using plastic edgebands, an adhesion test must always be carried out with the planned structure. Adhesion can be improved on ABS edgebands by using ABS Kantenaktivator (8315000210).
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion problems.
- Please follow our **ARL 150 - Working guidelines for water-based furniture coatings.**

Blending ratio

10 Part(s) by weight Bluefin Pigmosoft (3295)
1 Part(s) by weight Aqua-Hardener 8451 (8451000210)

Aqua-Hardener 8451 (8451000210) must be carefully worked into the product by stirring before processing. We recommend waiting approx. 10 minutes before starting work.

Bluefin Pigmosoft (3295) can only be used with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Pot life

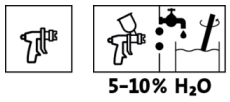
3 hour(s)

A further extension of the pot life is not possible.

Increased temperatures reduce the pot life.

Please only prepare as much material as can be used within the pot life.

Application technique



	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,23 - 0,33		2,0
Spraying pressure (bar)	100 - 120	80 - 100	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Diluent	Water		
Diluent amount added (%)	-		5 - 10
Applied quantity per application (g/m²)	110 - 140		
Total quantity applied (g/m²)	max. 250		

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times
(at 23 °C and 50 % rel. humidity)

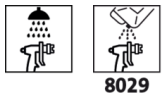
Manipulable	12 hour(s)
Stackable	12 hour(s)

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

The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

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

Cleaning the working equipment



With water immediately after use.

To remove dried paint residues we recommend using Aqua-Cleaner (8029) (diluted 1:1 with water).

SUBSTRATE

Type of substrate

Solid wood, chipboard or wood fibre materials suitable for opaque varnishing, veneered or coated with priming film.

Substrate property

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.

COATING SYSTEM

Primer coat

For closed-pore coating surfaces

Carrier plates coated with priming film:

Chipboard or MDF boards with foil depending on quality requirements (filling, uniformity of the surface) without primer or 1 x with Bluefin Pigmores 4in1 in various qualities in the corresponding color.

Solid wood or chipboard panels veneered with blind veneer (e. g. beech):

2 x Bluefin Pigmores 4in1 in various qualities in the corresponding shade

MDF panels:

2 - 3 x Bluefin Pigmores 4in1 in various qualities in the corresponding shade

Drying overnight at room temperature.

For open-pore coating surfaces

Pre-insulation with 150 - 200 g/m² Bluefin Pigmores 4in1 in various qualities in the corresponding colour shade

Drying overnight at room temperature.

Intermediate sanding

Grit size 280 – 320

Avoid sanding straight through!

Remove sanding dust.

Topcoat

1 x Bluefin Pigmosoft (3295) in the desired colour

CLEANING AND MAINTENANCE

Cleaning and Maintenance

Cleaning with Clean-Möbelreiniger (7202) an care with Clean-Möbelpflege Plus (7222).

PACHE sarl

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

ORDERING INFORMATION

Size of trading unit

4 kg, 20 kg

Colour shades / Glosslevels

Base paint(s):
Bluefin Pigmosoft W10 Weiß, tönbar (3295000010)
Bluefin Pigmosoft Basis W20 (3295000020)
Bluefin Pigmosoft Basis W30 (3295000030)

Standard colour(s):
RAL9010 Reinweiß (3295009010)
RAL9016 Verkehrsweiß (3295009016)

Other colour shades can be obtained using the **ADLER colour mixing system ADLERMix**.

In order to ensure uniformity of the colour shade, use only material with the same batch number on a given surface.

It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.

Supplementary products

ABS Kantenaktivator (8315)
Aqua-Cleaner 8029 (8029)
Aqua-Hardener 8451 (8451)
Clean-Möbelpflege Plus (7222)
Clean-Möbelreiniger (7202)

Bluefin Pigmores 4in1 in various qualities

Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage

Min. 6 month(s) in the original sealed containers.

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

Close opened containers well and use up the content as soon as possible.

Technical specifications

Delivery viscosity: 50 – 60 seconds according to DIN 53211
(4 mm measuring cup, 20 °C)

Safety information

The product is only suitable for the industrial and professional use.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

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.**

PACHE sarl