

## Bluefin Isospeed

3134

Water-based opaque **pigmented spray filler** for furniture and interior finishing for industrial and professional use.

### PRODUCT DESCRIPTION

#### General

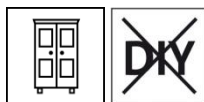
Water-based and quick-drying covering spray filler, high body and very good grindability (manual- / automatic sanding). Can be used optionally as one-component or two-component system. By using the two-component system very good insulation properties against water soluble discolouring wood components.

#### Special properties and standards



- **ÖNORM A 1605-12** (furniture surfaces)  
Flame treatment: 5-B (hardly inflammable furniture surfaces)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate and topcoat:  
highly non-combustible or flame-retardant (formerly B 1 in accordance with B 3800 -1), Q1, Tr 1
- Accordant to **Baubook** with one-component processing
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

#### Application area



- One component coating: for the industrial large-scale 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.
- Two component coating: for the coating of furniture and interior finishing exposed to high levels of stress such as kitchen furniture and sanitary facilities, table plates: application areas II to IV according to ÖNORM A 1610-12.
- Application in combination with a suitable topcoat system.
- Full-bodied primer for pigmented coating systems for furniture and interior finishing.
- Due to the excellent staying power also suitable for profiled work-pieces and batten.
- With two component processing good insulation effect against water soluble colouring wood-extractives, when opaque coatings are realized with water-based pigmented coats, also in the colour shades white and pastel.
- In the case of two-component processing it can also be recoated with solvent-based pigmented paints as e.g. ADLER Pigmpur 24005 ff or Aduro MDF-4in1 2201 ff.
- With two-component processing can be applied directly on high quality MDF.
- For multilayer glued supporting plates we recommend generally

02-16 ZKL 3134

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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 own 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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the two-component processing.

- For hardly inflammable and flame retardant coatings.
- Please observe the relative technical data sheets of the products.

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## PROCESSING

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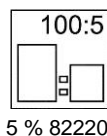
### Instructions for use



- Stir the product well before and during application.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Minor quantities of application, too heavy sanding and/or stronger dilution will reduce the insulation effect!
- For a full-bodied surface it is necessary to apply the filler two or three times with intermediate sanding.
- Depending on the species of wood but also on the growing region, the content of the colouring water-soluble wood extractives may vary significantly. Therefore it is strongly recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the isolating success.
- Please follow our "**Processing Guidelines for waterbased furniture paints**".

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### Blending ratio



100 parts by weight of Bluefin Isospeed 3134  
5 parts by weight of ADLER Aqua-PUR-Härter 82220

or

15 parts by volume of Bluefin Isospeed 3134  
1 parts by volume of ADLER Aqua-PUR-Härter 82220

Bluefin Isospeed 3134 can be used optionally with a hardener and in the blending ratio specified. Any deviations will cause film and adhesion defects.

ADLER Aqua-PUR-Härter 82220 (hardener) must be thoroughly mixed in the filler component prior to application. This should be done mechanically using a cage-type mixing paddle! It is recommended to use a 2K spraying machine.

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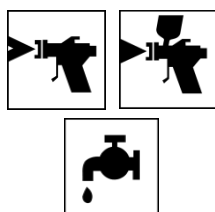
### Pot-Life



6 hours at approx. 20 °C; higher temperatures will reduce 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.

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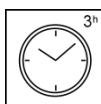
**Application technique**

Application method	Airless	Airless air supported (Airmix, Aircoat etc.)	Cup gun
Spray nozzle (ø mm)	0.28 – 0.33 with preatomizer	0.28 – 0.33	2.0
Spraying pressure (bar)	100 - 120	100 - 120	3 - 4
Atomized air (bar)	-	1 - 2	-
Dilution (thinner)	water		
Thinner Add-on in %	-	-	-
Viscosity (s) 6 mm cup 20°C	approx. 65	approx. 65	approx. 65
Application quantity (gm/m <sup>2</sup> )	approx. 150 - 200 per application; Total application quantity: maximum 750		

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)



Recoatabel with Bluefin Isospeed 3134	at least 3 hours
Recoatabel with ADLER Pigmocryl NG	at least 8 h, preferably overnight
Recoatabel with ADLER Pigpopur 24005 ff or Aduro MDF-4in1 2201 ff	overnight
Manipulable and staccable	overnight

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

**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**

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

**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.

On high-quality MDF panels presenting a high apparent density (e.g. 19 mm boards higher than 700 kg/m<sup>3</sup>), Bluefin Isospeed 3134,, hardened with 5 % ADLER Aqua-PUR-Härter 82220, can be applied directly, without pre-insulation. Boards of lower quality as well as in case of one-component application of Bluefin Isospeed 3134, sealing before the first layer of filler application is necessary (e.g. with ADLER Aqua-Soft CFB 30361ff.).

For applications on sanitary facilities we recommend using generally humidity-resistant MDF panels, type V100 and Bluefin Isospeed

3134 two-component processing. We advise against application on horizontal surfaces which get frequently in contact with water, e.g. washbasins.

### Preparation of the substrate

- **Hardwood:** sanding using grain size 150 – 180
- **Softwood:** sanding using grain size 100 – 150
- **Supporting plates coated with priming film:** film sanding with grain size 220
- **MDF boards:** Cleaning / intermediate sanding with grain size 180 – 220

## COATING SYSTEM

### Primer coat

1 x Bluefin Isospeed 3134  
Intermediate drying: at least 3 hours

### Intermediate sanding



Slight intermediate sanding with grain size 280.

Avoid sanding straight through!

Intermediate sanding must be done immediately prior applying the topcoat in order to ensure proper intermediate adhesion.

### Intermedio coat

1 - 2 x Bluefin Isospeed 3134

After the last filler application a drying time of minimum 12 hours (room temperature) is necessary before the intermediate sanding in order to obtain an excellent stability of the following topcoat or by using two-component processing to secure an optimal insulation effect.

### Intermediate sanding



Intermediate sanding with grain size 320 - 360.

Avoid to sand straight through!

Intermediate sanding must be done immediately prior to apply the topcoat in order to ensure proper intermediate adhesion.

### Topcoat

1 x ADLER Pigmocryl NG 3201 ff in the desired colour shade and degree of gloss

Please follow the respective technical data sheets of the products.

## MAINTENANCE OF THE WHOLE COATING SYSTEM

Clean with ADLER Clean Möbelreiniger 96490.

Please follow the respective technical data sheets of the products.

## ORDERING INFORMATION

### Size of trading unit

Bluefin Isospeed 3134	4 kg	22 kg
ADLER Aqua-PUR-Härter 82220	1 x 200 g	1 x 1,1 kg

### Colour / degree of gloss

#### Standard colour shades:

Weiß W10 3134000010

Schwarz 3134500001

Base W30 3134000030 (for tinting)



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

**Complementary products**

ADLER Aqua-PUR-Härter 82220  
 ADLER Aqua-Soft CFB 30361 ff  
 ADLER Pigmocryl NG 3201 ff  
 ADLER Pigmopur 24005 ff  
 Aduro MDF-4in1 2201 ff  
 ADLER Aqua-Cleaner 80080  
 ADLER Clean-Möbelreiniger 96490

**FURTHER DETAILS****Durability / storage**

At least 9 month in the original sealed containers.

Store cool but frost-free.

**Technical specifications**

Delivery viscosity	Approx. 65 ± 5 s according to DIN 53211 (6-mm-cup, 20°C) ca. 3.500 ± 500 cP
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Mixing viscosity	Approx. 60 ± 5 s according to DIN 53211 (6-mm-cup, 20°C)
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**Safety-related information**

Please follow the associated safety data sheet, the latest version can be retrieved from the Internet at [www.adler-lacke.com](http://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).

