

Bluefin Isospeed

3134

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

PRODUCT DESCRIPTION

General

Water-based covering spray filler with quick drying, high filling power and very good grindability (manual/automatic sanding). Optionally 1 and 2 component processable. When used as a 2-component system, very good insulating properties against water-soluble discolouring wood extractives.

Special properties and standards



- **ÖNORM A 1605-12** (furniture surfaces)
Flame treatment: 5-B (hardly inflammable furniture surface)
- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate: hardly inflammable, Q1, Tr 1
- Registered in **baubook** (one-component processing + two-component processing)
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Application areas



- One-component: For the coating of furniture and interior finishing exposed to slight levels of stress, such as surfaces that are not always visible.: Application areas IV in accordance with ÖNORM A 1610-12.
- Two-component: For the coating of furniture surfaced exposed to high levels of stress (such as kitchen and bathroom furnishing, tabletops, etc.: application areas II – IV according to ÖNORM A 1610-12).
- Application in combination with a suitable topcoat system.
- Full-bodied primer for opaque pigmented coating systems for furniture and interior finishing
- Due to the good firmness also suitable for profiled work pieces and battens.
- 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.
- With two-component processing also recoatable with solvent-based pigmented coatings such as Pigmpur 2406 or Aduro Pigmocolour 4in1 2241 ff.

08-23 (supersedes 08-22) ZKL 3134

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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. 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 the modification of the container sizes, colour shades and degrees of gloss available.

- With two-component processing directly applicable on good quality MDF (bulk density > 700 kg/m³, homogeneous)
- In the case of multi-layer glued carrier plates, two-component processing is generally recommended.
- For hardly inflammable or flame-retardant coating systems.

Please observe the relative technical data sheets of the products.

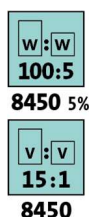
PROCESSING

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.
- Too little quantity applied, too heavy intermediate sanding and/or increased thinning 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 type of wood but also on the growing area, the content of coloured, water-soluble substances in the wood can vary considerably. It is therefore recommended to always carry out a trial coating on a sample of the original wood in order to be able to assess the insulation result.
- If plastic edges are used, an adhesion test must always be carried out with the planned coating system. When using ABS-Kantenaktivator 8315 000210 an adhesion improvement can be achieved on ABS edges.
- Please observe the relative technical data sheets of the products.
- 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.
- Please follow our **ARL 150 - Working guidelines for water-based furniture coatings**.

Blending ratio



100 parts by weight Bluefin Isospeed 3134
5 parts by weight Aqua-Hardener 8450

or

15 parts by volume Bluefin Isospeed 3134
1 part by volume Aqua-Hardener 8450

Bluefin Isospeed 3134 can be used optionally with a hardener and in the mixing ratio specified. Deviations lead to film and adhesion problems.

Aqua-Hardener 8450 must be carefully worked into the coating components by stirring before processing. Stirring is best done by machine using a basket agitator. It is recommended to use a 2-component spray device.

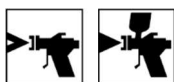
Pot life



6 hours at approx. 20 °C.

Increased temperatures reduce the pot life.

There is no recognizable end of the pot life. A further extension of the pot life is not possible.

Application technique

Application method	Airless	Airless, air-supported (Airmix, Aircoat, etc.)	Cup gun
Spray nozzle (\varnothing mm)	0.28 – 0.33 with preatomizer nozzle	0.28 – 0.33	2.0
Spraying pressure (bar)	100 – 120	100 – 120	2 - 3
Atomized air (bar)	-	1 – 2	-
Application-quantity (g/m ²)	150 - 200 per application; Total application amount max. 750		

The shape and properties 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)



Recoatable with Bluefin Isospeed 3134	approx. 3 hours
Recoatable with Bluefin Pigmocryl NG	min. 12 hours, preferably overnight
Recoatable with Pigmopur 2406 or Aduro Pigmocolor 4in1 2241 ff	Overnight
Manipulable and stackable	Overnight

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 immediately after use.

To remove dried product residues we recommend using Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE**Type of substrate**

Solid wood, wood shaving- or wood fibre materials suitable for opaque varnishing, veneered or coated with priming film, MDF panels.

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.

Bluefin Isospeed 3134 can be used directly on MDF panels of good quality and with a high moulded density (e.g. on 19-mm panels greater than 700 kg/m³), hardened with 5 % Aqua-Hardener 8450, can be used directly without pre-insulation. Panels of poor quality must be pre-insulated before the first filler layer, just as with the one-component processing of Bluefin Isospeed 3134. (e.g. with Bluefin Unistar 2965).

For sanitary applications, we generally recommend the use of moisture-resistant MDF panels of type P3, P5 or P7 according to ÖNORM EN 312 (formerly V100 according to DIN 68763) and Bluefin Isospeed 3134 in two-component processing. It is not recommended for use on horizontal surfaces that are frequently exposed to water, such as washstands.


Preparation of the substrate	<ul style="list-style-type: none"> • Hardwoods: Wood sanding grit size 150–180 • Softwoods: Wood sanding grit size 100–150 • Carrier plates coated with priming film: Film sanding grit size 220 • MDF panels: Cleaning/smoothing sanding grit size 180 - 220
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COATING SYSTEM

Primer	1x Bluefin Isospeed 3134 Intermediate drying time: approx. 3 hours
Intermediate sanding 	Slight smooth sanding with grit size 280. Avoid sanding straight through! Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.
Intermediate coat	1 - 2 x Bluefin Isospeed 3134
Intermediate sanding 	Intermediate sanding: Grit size 320 – 360 Avoid sanding straight through! Intermediate sanding must be carried out immediately before the subsequent coating is applied in order to ensure good intermediate adhesion.
Topcoat	1 x Bluefin Pigmocryl NG 3201 ff in desired colour shade and gloss level. Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit	Bluefin Isospeed 3134	4 kg	22 kg
	Aqua-Hardener 8450	1 x 200 g	1 x 1.1 kg

Colour shades / degrees of gloss	Standard colours: White W10 3134000010 Black 3134500001 Base W30 3134000030 (to tint)
	Other colour shades can be obtained using the ADLER colour mixing system ADLERMix .

Supplementary products	Aqua-Hardener 8450 Bluefin Unistar 2965 Bluefin Pigmocryl NG 3201 ff Pigmopur 2406 Aduro Pigmocolor 4in1 2241 ff ABS-Kantenaktivator 8315 Aqua-Cleaner 80080
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FURHTER DETAILS

Durability / storage

9 months in the original sealed containers.

Store cool but frost-free.

Technical specifications

Delivery
viscosity

approx. 3.500 ± 500 cP (Brookfield spindle 4/20
UpM/2 min/20 °C)

Safety-related information

The product is only suitable for industrial and professional use.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).

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**.
