

Bluefin Opti-Filler

3130

Water-based furniture primer for use in industry and trade

PRODUCT DESCRIPTION

General

Water-based 1C spray filler with very good filling performance and sandability and rapid establishment of hardness for opaque pigmented coating systems. Can be applied directly onto MDF boards, with very little roughening up of the wood fibres (please read the information to follow: "MDF boards"!).

Special properties and standards



- **ADLER green product**
ADLER green products are objectively tested and certified according to three categories: Environment, Health & Safety, and Durability. Only products that score positively in all these areas are awarded the green sustainability label.
- **EN 13501-1 (fire behaviour)**
In combination with a hardly inflammable surface, e.g. materials of fire class A1 or A2: classification as B-s2,d0. The complete coating system (carrier board / glue / veneer or foil) is always used to classify the reaction to fire.
- **French ordinance DEVL1104875A**
Marking of construction coating products for their emission of volatile pollutants: A+

Application area



Primer for opaque pigmented coating systems for furniture and interior finishing.

For hardly inflammable or flame-retardant coating systems.

Application in combination with a suitable topcoat system.

The area of application depends on the processing of the product and the topcoat system selected.

PROCESSING

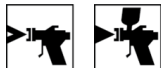
Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- When 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).
- Not suitable for wood species with water-soluble colouring wood extractives, such as oak or ash.

- 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**.

Application technique



	Airless	Airless air-supported (Airmix®, Aircoat, etc.)	Cup gun
Spraying nozzle Ø (mm)	0,28 - 0,33		2,0 - 2,2
Spraying pressure (bar)	100 - 120	70 - 100	2 - 3
Vaporizer Air (bar)	-	1 - 2	-
Viscosity 6-mm-cup (s)	25 +/- 5		
Applied quantity per application (g/m²)	150 - 200		
Total quantity applied (g/m²)	max. 500		

The product is ready to use.

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

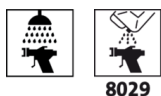
(at 23 °C and 50 % rel. humidity)



Recoatable	approx. 2 h
Sandable	approx. 2 h

The figures given above are reference values. Drying depends, for example, on the type of wood, workpiece shape, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

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).

Conveyor belts and material lines: Clean-Smart B&P (8015000210)

Heavily soiled material lines: Clean-Smart Gel (8060000210)

SUBSTRATE

Type of substrate

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


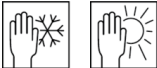

MDF panels

Substrate property

The substrate must be dry, clean, capable of holding the paint, and it must be free of grease and wax and free from wood dust.

On MDF boards of good quality and a high bulk density (e.g. with 19 mm boards greater than 700 kg/m³), Bluefin Opti-Filler (3130) can be used directly without pre-insulation. Panels of lower qualities must be pre-insulated before the first filler layer, e.g. with Bluefin Unistar (2965)

For applications in the sanitary sector, we generally recommend the use of moisture-resistant MDF boards of type P3, P5 or P7 in accordance with ÖNORM EN 312 (formerly V100 in accordance with DIN 68763) with pre-insulation. It is not recommended for use on horizontal surfaces that are frequently exposed to water, such as washstands.

Substrate preparation	Wood sanding: Hardwoods: Grit size 150 – 180 Softwoods: Grit size 100 – 150 Carrier plates coated with priming film: Film sanding Grit size 180 - 240 MDF panels: Cleaning/smoothing sanding grit size 180 - 220
COATING SYSTEM	
Primer coat	1 – 2 x Bluefin Opti-Filler (3130)
Intermediate sanding 	Grit size 240 – 360 Avoid sanding straight through! Remove sanding dust.
Topcoat	Pigmolux or Bluefin Pigmocryl NG in various qualities and in the required colour-shade.
ORDERING INFORMATION	
Size of trading unit	25 kg More sizes on request.
Colour shades / Glosslevels	Standard colour(s): Weiß (3130050000)
Supplementary products	ABS Kantenaktivator (8315) Aqua-Cleaner 8029 (8029) Bluefin Unistar (2965) Clean-Smart B&P (8015) Clean-Smart Gel (8060) Bluefin Pigmocryl NG (various qualities) Pigmolux 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).
Technical specifications	Delivery viscosity: 3000 mPas – 3500 mPas (Brookfield spindle 4/20 rpm/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 .