

## Bluefin Pure-Concrete

4088

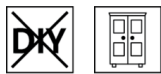
Basic component for coating concrete in furniture construction, for **industry** and **trade**.

### PRODUCT DESCRIPTION

#### General

Water-based mixing base for concrete coatings, which can be sprayed on.

#### Application area

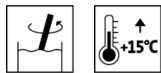


For the coating of surfaces in furniture and interior finishing that are subjected to a normal amount of wear, including kitchen fronts, furnishings and fittings for bedrooms and living rooms: Area of application III – IV in accordance with ÖNORM A 1610-12.

Application in combination with a suitable topcoat system.

### PROCESSING

#### Processing instructions



- Please stir product well before and during use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- When applying the product to larger surfaces, we recommend using a diaphragm pump with air atomisation.
- The quantity of mixture used and the smoothing out of the polyethylene film are key factors in determining the resulting effect. Every surface is unique.
- Please follow our **ARL 150 - Working guidelines for water-based furniture coatings**.

#### Blending ratio



100T auf 35T

35 part(s) by weight or by volume Bluefin Pure-Concrete (4088)  
100 part(s) by weight or by volume Aquafix Concrete Natur (8140000301)

Carefully incorporate Aquafix Concrete Natur (8140000301) into the paint/hardener mixture by stirring without forming lumps. Stirring is best done by machine using a basket agitator.

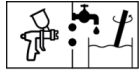
#### Pot life



3 hour(s)

Increased temperatures reduce the pot life.

A further extension of the pot life is not possible.

**Application technique**0-3% H<sub>2</sub>O

	Cup gun	Diaphragm pump (1 : 1 with air atomisation)
Spray nozzle (diameter in mm)	2.2	2.2
Spray gun pressure (bar)	4.0 - 6.0	4.0 - 6.0
Material feed pressure (bar)		3.0 - 4.0
Thinning	water	water
Addition of thinner in %	0 - 3	0 - 3
Quantity required per coat (g/m <sup>2</sup> )	300 - 900	300 - 900

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)



16h

Recoatable after	approx. 16 hour(s)
------------------	--------------------

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.

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

MDF boards or base boards that have been filled (e.g. Bluefin Isospeed (3134) when using the 2C version or Aduro Ecofill (2416)). Priming films are not suitable (too little adhesion).

**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.

**Substrate preparation**

**MDF panels:** Sand with grit size 150


**Substrate primed with filler:** Sand with grit size 220 - 240

**COATING SYSTEM****Product application 1**

1 x 400 – 500 g/m<sup>2</sup> Bluefin Pure-Concrete (4088) Mixture  
Intermediate drying: approx. 5 hour(s)

**Intermediate sanding**

Slight smooth sanding Grit size 100  
Remove sanding dust.

<b>Product application 2</b>	1 x 700 – 800 g/m <sup>2</sup> Bluefin Pure-Concrete (4088) Mixture
<b>Producing the effect</b>	<p>To achieve the effect, a polyethylene film (around 100 µm in thickness) is applied to the wet surface, pressed down with a finishing trowel and smoothed out towards the edge of the surface. The more completely the enclosed air is spread out, the smoother the concrete surface. The film remains on the surface for the duration of drying.</p> <p>Intermediate drying: Drying overnight at room temperature. Forced drying: 3 hours at 50 °C After drying, the film is removed and the surface is allowed to air for a further 4 - 5 hours at room temperature.</p>
<b>Subsequent coating</b>	1 x 90 - 110 g/m <sup>2</sup> Bluefin Primer-Concrete Farblos (4081000200) Intermediate drying time: approx. 3 hour(s)
<b>Topcoat</b>	1 x Bluefin Top-Antiscratch (2960)
<b>CLEANING AND MAINTENANCE</b>	
<b>Cleaning and Maintenance</b>	Cleaning with Clean-Möbelreiniger (7202).
<b>ORDERING INFORMATION</b>	
<b>Size of trading unit</b>	5 kg
<b>Colour shades / Glosslevels</b>	<p>Bluefin Pure-Concrete Farblos (4088000200)  Bluefin Pure-Concrete White Wolf (4088056579)  Bluefin Pure-Concrete Brown Falcon (4088056580)  Bluefin Pure-Concrete Black Panther (4088056581)  Bluefin Pure-Concrete Reef Shark (4088056582)  Bluefin Pure-Concrete Snow Leopard (4088056583)  Bluefin Pure-Concrete Iron Elephant (4088056584)  Bluefin Pure-Concrete Betongrau (4088060084)  Bluefin Pure-Concrete Alpine Hare (4088070258)</p>
<b>Supplementary products</b>	<p>Aquafix Concrete (8140)  Bluefin Isospeed (3134)  Bluefin Primer-Concrete (4081)  Bluefin Top-Antiscratch (2960)  Clean-Möbelreiniger (7202)  Aduro Ecofill (2416)</p> <p>Please refer to the corresponding technical data sheets of the products.</p>
<b>FURTHER DETAILS</b>	
<b>Durability / storage</b>	<p>Min. 1 year(s) in the original sealed containers.  Cool, but frost-free.  Close opened containers well and use up the content as soon as possible.</p>
	
<b>Technical specifications</b>	Delivery viscosity: 12 – 14 seconds according to DIN 53211 (4 mm measuring cup, 20 °C)

---

## Safety information



The product is only suitable for industrial 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](http://www.adler-lacke.com).

---