Pache SARL - 64 Route de Gravin, 74300 Magland
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Technical data sheet

ADLER
Paint runs through our veins.

Betoneffekt 4083

Effect coating with a fine quartz content for creating an authentic **concrete look** in **furniture and interior finishing** for professional and industrial use

PRODUCT DESCRIPTION

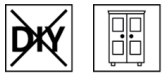
General

Water-based, pigmented base coating based on dispersion technology with a fine quartz content for creating high-quality concrete effects. The product offers very good adhesion, a low-stress build-up and ease of application. Ideally suited as a base for decorative surfaces in modern furniture and interior finishing.

Special properties and standards

- **French ordinance DEVL1104875A**
  Marking of construction coating products for their emission of volatile pollutants: A+

Application area

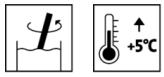


For the coating of furniture and interior finishing exposed to normal levels of stress, such as tabletops and shelves in the home, fronts and permanently visible areas, surfaces used on seating furniture and not permanently visible areas: Application areas III – IV according to ÖNORM A 1610-12.

Special coating for creating a concrete effect for furniture and interior finishing.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 5 °C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Apply using a stainless steel smoothing trowel; application thickness: 1–2 mm Can be textured more coarsely or more finely as required
- Carefully cover and mask areas which are not to be coated.
- The color shade, compatibility and adhesion to the substrate must be checked by creating sample panels.
- 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.

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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.

Application technique

	Troweling / Filling
Applied quantity per application (ml/m²)	200 - 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	16 hour(s)
Manipulable and stackable	16 hour(s)

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.

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

Cleaning the working equipment

With soap-water immediately after use.

To remove dried product residues we recommend using Clean Abbeizer-Express (8313).

SUBSTRATE

Type of substrate

Particleboard or fibreboard materials suitable for opaque coating (e.g. MDF)

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.

For sanitary applications, we generally recommend the use of moisture-resistant MDF boards of type V100.

It is not recommended for use on horizontal surfaces that are frequently exposed to water, such as washstands.

Substrate preparation

Wood-based materials:

Wood sanding Grit size 150 – 180

COATING SYSTEM

Primer coat

Apply Betoneffekt (4083) in the desired colour shade using a smooth trowel.

Intermediate drying: approx. 12 hour(s)

Intermediate sanding

Depending on the application area or desired effect: Grit size 80

Sanding straight through must be avoided, as this may lead to differences in the grain accentuation, which are further increased by yellowing with aging.

Finishing coat

Lightfast furniture coatings such as Aduro Antiscratch (2517) or Aduro Legnopur (2513) as well as Bluefin Top-Antiscratch (2960) or Bluefin Terra-Resist (2972), preferably in a dull-matt finish (G5 or G10).

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ORDERING INFORMATION

Size of trading unit

2.7 l

Colour shades / Glosslevels

Color4You

Standard colour(s):
Cuba Libre (4083053189)
Bahama Mama (4083053190)
Caipirinha (4083053191)
Daiquiri (4083053192)
White Lady (4083053193)

Base paint(s):
Betoneffekt Basis W15 (4083000015)

Other colour shades can be obtained using the **ADLER colour mixing system Color4You.**

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.

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

The result/effect can be influenced individually through the application quantity, application method and sanding process.

Please observe our **ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.**

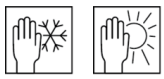
Supplementary products

Clean Abbeizer-Express (8313)
Aduro Antiscratch (2517)
Aduro Legnopur (2513)
Bluefin Top-Antiscratch (2960)
Bluefin Terra-Resist (2972)

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

FURTHER DETAILS

Durability / storage



Min. 1 year(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

VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for Betoneffekt (Cat A/h): 30 g/l.
Betoneffekt contains a maximum of 0 g/l VOC.

Safety information

The product is only suitable for industrial use.

During sanding use P2 / P3 dust filter.

Only dispose of containers emptied of all residues for recycling, liquid material residues can be disposed of as water-based paint waste, dried material residues as hardened paint or as household waste.

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.**

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