

## Technisches Merkblatt

### ADLER Betoneffekt

4083

Effect coating with fine quartz content in furniture and interior design for **industrial and professional use**

#### PRODUCT DESCRIPTION

##### General

Water-based, pigmented, dispersion-based primer coating with fine quartz content for a natural Concrete look/concrete effect. Excellent adhesion, low tension and easy to apply.

##### Special properties and standards



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

##### Application areas



- For the coating of furniture and interior finishing exposed to normal levels of **stress**, such as bedroom and living room furnishings: application areas III – IV in accordance with ÖNORM A 1610-12.
- Special primer to achieve a concrete effect for furniture and interior finishing

#### PROCESSING

##### Instructions for use



- Please stir the product before use. Manual only! Excessive mechanical stirring can negatively influence the concrete effect!
- Do not apply at temperatures below + 5 °C, but not above 30 °C and/or relative humidity > 80 %
- Apply with a stainless steel smoothing trowel, application thickness 1 - 2 mm. Individually coarser or finer structure.

### Application technique



Application method	Filling
Consumption ml/m <sup>2</sup>	approx. 200 - 500
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	approx. 2 - 5

#### The product is ready to use.

The shape, the properties and 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)



Manipulable and stackable	after approx. 16 hours
Subsequent coating	after approx. 16 hours

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 paint residues, we recommend using ADLER Abbeizer Rote Krähe 95125.

## SUBSTRATE

### Type of substrate

Wood shaving- or wood fibre materials (e.g. MDF) suitable for opaque coating

### 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 panels of type V100. It is not recommended for use on horizontal surfaces that are frequently exposed to water, such as washstands.

### Preparation of the substrate

**Wooden chipboards, MDF panels:**  
grit size 150 – 180

## COATING SYSTEM

### Primer coat

Apply ADLER Betoneffekt 4083 with a smooth spatula in the desired colour shade.

Intermediate drying: overnight

### 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 lacquers such as ADLER PUR-Antiscratch HQ 26320 ff or ADLER Legnopur 26211 ff as well as Bluefin Top-Antiscratch 2960 or Bluefin Resist 2963, preferably in a dull matt setting (G5 or G10).

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

## ORDERING INFORMATION

### Size of trading unit

3 l

### Colour shades / degrees of gloss

#### Standard colours:

Cuba Libre (black)	4083053189
Bahama Mama (brown)	4083053190
Caipirinha (dark grey)	4083053191
Daiquiri (medium grey)	4083053192
White Lady (light grey)	4083053193

## Color4You

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

#### Base paints:

Base W15 4083000015

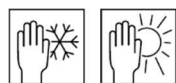
- It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade.
- In order to ensure uniformity of the colour shade, use only material having the same batch number on a given surface.
- The result / effect can be individually influenced by application quantity, processing method and sanding.

## Supplementary products

ADLER Legnopur 26211 ff  
ADLER PUR-Antiscratch HQ 26320 ff  
Bluefin Top-Antiscratch 2960  
Bluefin Resist 2963  
ADLER Abbeizer Express 8313

## FURTHER DETAILS

### Durability/storage



At least 1 year 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      EU threshold for ADLER Betoneffekt (cat. A/h): 30 g/l (2010).  
ADLER Betoneffekt contains < 30 g/l VOC.

## Safety-related information



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)**.

The product is only suitable for industrial and professional use.

Recycle only those containers whose residues have been emptied out. You may dispose of liquid material residues as water-based paint and varnish waste and dried-up material residues as cured paints or as household garbage.