



# Concrete Ciré manual

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# 1.1. Concrete Ciré brief explanation

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Concrete Ciré from Betonlook.nl is a ready-to-use paste that is easy to apply on various surfaces.

What you need to apply Concrete Ciré:

- Concrete Ciré primer
- Concrete Ciré
- Concrete Ciré coating (this consists of an A & B component that you need to mix together).
- Sandpaper grit 80 or 120
- Spackle knife or trowel
- Microfibre roller

Note! The surface must be clean and dust-free before application. It should also be flat, smooth and dry.

Is the Concrete Ciré paste granular and too thick? Add a cup of water.

Step 1: always apply Concrete Ciré primer first. Do this with a microfibre roller.

Step 2: apply the first layer of Concrete Ciré with a trowel or spackle knife in a thickness of between 0.3 and 0.6 mm. Leave to dry for at least 24 hours.

Step 3: sand it with an eccentric rotary sander in grain thickness of 120.

Step 4: make the surface dust-free.

Step 5: apply the second layer of Concrete Ciré with a trowel or trowel. Again in a layer thickness of between 0.3 mm and 0.6 mm. The second layer should also dry for 24 hours.

Step 6: sand the surface again with 80 or 120-grit paper and make it dust-free.

Step 7: prepare the coating by mixing the A component with the B component. Pour the mixed substance through a sieve, leaving a smooth substance. Apply with a microfibre roller.

## 1.2. Concrete Cire furniture/ countertops

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The description below tells you how to apply Concrete Ciré from Betonlook.nl to furniture/ countertops.

Step 1: if you want to make furniture and use Concrete Ciré for this, we recommend plywood, MDF or waterproof chipboard as a base material.

Step 2: in addition to screws, use PU glue to fasten parts together. So that the individual parts stick together well.

If you want to fix two long boards together horizontally, you will need plaster gauze to prevent cracking in a later stage.

Step 3: prime the surface with our Concrete Ciré primer. You can apply this with a foam roller. The primer should dry for approx. 12 hours.

Step 4: apply the Concrete Ciré base layer. The usage of this product is 1 kg per 1m<sup>2</sup> per layer. Apply this layer in a thickness of 1 mm. Let it dry for about 12 hours, depending on the temperature and humidity.

Step 5: sand the Concrete Ciré base layer with a grain between 40 and 80.

Step 6: dust the surface with a dry cloth.

Step 7: apply the first layer of Concrete Ciré with a trowel or spackle knife in a thickness of between 0.3 to 0.6 mm. Leave this first layer to dry for at least 24 hours.

Step 8: once the first layer is dry, sand it with 120-grit paper using an eccentric rotary sander. Then dust the surface again with a dry cloth.

Step 9: apply the second layer of Concrete Ciré the same way as the first layer. Again wait 24 hours for it to dry and sand down the Concrete Ciré with 80 or 120 grit paper. Make sure the surface is dust-free afterwards.

Step 10: coat the surface with the Concrete Ciré coating. Mix the A component with the B component. When this is mixed, you can pour it through a sieve to get an even substance. Apply this with a microfibre roller to the plastered furniture/countertop. Make sure the temperature of the substance and the temperature of the room you're working in are at least 15 degrees. After mixing, use the coating within 24 hours.

Step 11: Let it cure for 5 days. Afterwards the surface is ready to use.

## 1.3. Concrete Ciré floors

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The description below tells you how to prepare non-level floors for applying Concrete Ciré from Betonlook.nl.

Step 1: for a tile floor; preferably roughen the tiles with a diamond polishing wheel to prevent cracks. A different option is to degrease the tiles.

Step 2: Remove dust from the floor and then decide which levelling compound you need to level your floor.

- We recommend using a cement-based levelling compound or a cement-based mortar for wet areas such as a bathroom/toilet.
- For dry areas like a living room, bedroom etc. it's best to use a gypsum-bonded levelling compound.

Step 3: you need a primer that matches your levelling compound. Once this primer is dry, you can pour the levelling compound onto the floor. It is advisable to use a thickness of between 1 mm to 6 mm.

Step 4: let the levelling compound dry for 3 days. It's important that there's no moisture left in the floor before applying Concrete Ciré.

Step 5: sand the levelling floor with 80 or 120-grit paper.

Step 6: clean the floor with a vacuum cleaner.

Step 7: levelling compound has an absorbent effect, if you apply our Concrete Ciré primer on the levelling compound make sure you dilute it 1 to 1 (mix 1 litre of primer with 1 litre of water). Apply this with a foam roller and let it dry for 12 hours.

Step 8: apply the Concrete Ciré base layer. The usage of this product is 1 kg per 1m<sup>2</sup> per layer. Apply this layer in a thickness of 1 mm. Let it dry for about 12 hours, depending on the temperature and humidity.

Step 9: sand the Concrete Ciré base layer with a grain 40 to 80.

Step 10: dust the floor again.

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Step 11: apply the first layer of Concrete Ciré with a trowel or spackle knife in a thickness of between 0.3 to 0.6 mm. Leave this first layer to dry for at least 24 hours.

Step 12: once the first layer is dry, sand it with 120-grit paper using an eccentric rotary sander. Then dust the surface again with a dry cloth.

Step 13: apply the second layer of Concrete Ciré the same way as the first layer. Again wait 24 hours for it to dry and sand down the Concrete Ciré with 80 or 120 grit paper. Make sure the surface is dust-free afterwards.

Step 14: coat the floor with the Concrete Ciré coating. Mix the A component with the B component. When this is mixed, you can pour it through a sieve to get an even substance. Apply this with a microfibre roller to the floor. Make sure the temperature of the substance and the temperature of the room you're working in are at least 15 degrees. After mixing, use the coating within 24 hours.

Note: in wet areas like a bathroom or shower, you can apply two layers of this coating for extra protection and durability. Apply the second layer after 2 hours. Don't wait any longer than 24 hours to do this.

Step 15: Let it cure for 5 days. Afterwards the surface is ready to use.

# 1.4. Concrete Ciré walls

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The description below explains how to prepare non-planar walls for applying Concrete Ciré from Betonlook.nl.

Step 1: we always recommend making your wall flat before applying Concrete Ciré. (Think of surfaces such as: tiles, plasterboard, wedi, sand-lime brick, plaster blocks, etc.)

Wondering what to use to do this? Always use Ardex R1C in wet/damp rooms. For regular rooms use plaster and follow the steps for your chosen product.

## Tiles

When your surface is a tile, you should always degrease it first. Then sand it with a diamond polishing wheel. Then fill the seams with Ardex R1C and let it dry for 30 minutes. When the first layer is dry, you can smooth the entire surface with Ardex R1C. Apply the layer up to 10 mm thick and let it dry for 30 minutes. Mix the Ardex in stages to prevent the mixture from drying out.

## Plasterboard, MDF or deep cracks

For plasterboard, MDF or deep cracks in the wall, always use plaster mesh. You can also smooth the plaster mesh with plaster or Ardex R1C. As with joints, you first fill the plaster gauze. When this is dry you apply a little more to smooth the entire surface.

Step 2: when the levelled wall surface is dry, prime the wall with the Concrete Ciré primer. You can apply this to your wall with a foam roller. This layer should dry for 12 hours.

Step 3: apply the first layer of Concrete Ciré with a trowel or spackle knife in a thickness of between 0.3 to 0.6 mm. Leave this first layer to dry for at least 24 hours.

Step 4: once the first layer is dry, sand it with 120-grit paper using an eccentric rotary sander. Then dust the surface again with a dry cloth.

Step 5: apply the second layer of Concrete Ciré the same way as the first layer. Again wait 24 hours for it to dry and sand down the Concrete Ciré with 80 or 120 grit paper. Make sure the surface is dust-free afterwards.

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Step 6: coat the wall with the Concrete Ciré coating. Mix the A component with the B component. When this is mixed, you can pour it through a sieve to get an even substance. Apply this with a microfibre roller to the floor. Make sure the temperature of the substance and the temperature of the room you're working in are at least 15 degrees. After mixing, use the coating within 24 hours.

Note: in wet areas like a bathroom or shower, you can apply two layers of this coating for extra protection and durability. Apply the second layer after 2 hours. Don't wait any longer than 24 hours to do this.

Step 15: Let it cure for 5 days. Afterwards the surface is ready to use.