

Manual Microcement base layer

The Microcement base layer is specially developed to ensure excellent adhesion for the Microcement from betonlook.nl. The base layer provides a stable and solid foundation. This unique and ready-to-use product is essential for preparing floors and furniture.

Preparing a flat surface

The Microcement base layer is designed to form a strong technical foundation for Microcement. It is crucial to apply this base layer to a stable surface. Below, we have listed several surfaces for you to help you.

Self-leveling floor

A uniform and smooth self-levelling floor is an excellent foundation for our Microcement.

Cement or gypsum based surface

We recommend levelling floors, walls, and ceilings with gypsum in areas without moisture issues. For damp areas such as bathrooms, basements, and toilets, a cement-based levelling compound should prepare them for our Microcement base layer.

Brick/Wood/Tiles

Level these surfaces before applying our Microcement. For bricks, a suitable stucco material can be used. If using wood, roughen the surface and ensure it is dust-free for optimal adhesion.

Our Microcement base layer does not adhere to lacquered or planed timber. For tiles, roughen the surface with a diamond disk and smooth it with an appropriate stucco material for the specific space.

Applying the Microcement base layer

Step 1

You have received a bucket containing the Microcement base layer. Always check if the sticker on the bucket matches the colour you ordered.

Step 2

Before applying our Microcement base layer, it is essential to use the Microcement primer. Using a microfibre roller, this primer should be applied to a clean, dust-free surface. It is specifically designed for smooth surfaces. If you are working with a rougher surface, such as wood or a countertop, you can use the Microcement coarse primer to ensure optimal adhesion. Both primers require a drying time of at least 12 hours.

Step 3

Stir the Microcement base layer thoroughly with a trowel. Then, apply it with a spatula or trowel. It is recommended that the Microcement base layer be applied in a thin layer of approximately 1mm. Allow this layer to dry for at least 12 hours.

Step 4

Is the Microcement base layer dry? If so, Sand the surface with grit 40 or 80 and remove dust.

Step 5

The surface is now prepared for the application of Microcement.

Tips

- When applying the Microcement base layer to a cement screed or self-levelling floor, the surface must be even to achieve good adhesion between the surface and the base layer. Follow these steps: Start by sanding the floor with grit 40 or 80, which helps create a more even and rougher surface texture. After sanding, ensure the floor is entirely dust-free, then apply the Microcement primer. This will optimally prepare the floor for the Microcement base layer.
- It is crucial to allow sufficient time for thoroughly drying the base layer. You should consider temperature and humidity, as these factors significantly affect the drying process and the final result.
- The Microcement base layer should be applied at an ambient temperature between 10°C and 30°C.
- If the application temperature exceeds 25°C, you can dilute the Microcement base layer with a maximum of 5% water. This prevents the product from drying too quickly during application, making it easier to work with.
- If you notice that the Microcement base layer has slightly dried out, this is not a problem. Add a small amount of water to restore it to the correct consistency for application. However, remember that if the base layer has been stored for over a year, it is no longer suitable for use.
- Completing the entire surface in one go is essential to avoid colour variations.