

APPLICATION GUIDE

BEFORE YOU START

- Protect surfaces adjacent to the project with masking tape, tarp and polythene.
- Prepare pail, drill with concrete mixer and trowel.
- It is important to note that once MicroConcrete is mixed with cold water, depending on the ambient temperature, you will have between 20 and 60 minutes to apply it to the desired surface.

FOR THE INSTALLATION OF MICROCONCRETE ON MOST SURFACES

1. Clean the surface with Finitec's [Surface Preparation](#). Rinse thoroughly and let dry. Refer to the [Surface Preparation application guide](#) for more details.
2. Mix the MicroConcrete with cold water using a drill and concrete mixer, maintaining a ratio of 20mL of cold water per 100g of MicroConcrete (700mL of cold water for a 3.5kg bag and 3.6L of cold water for an 18kg bucket), until a smooth and homogeneous mixture is obtained. Let the mixture sit for 2 to 3 minutes, then mix again. **Use a scale to ensure color uniformity. (VERY IMPORTANT STEP)**
3. Apply the MicroConcrete with the [Finitec flexible trowel](#), making half-moon or circular movements. Once the MicroConcrete is spread on your surface, wait 15 to 30 minutes to let the MicroConcrete set on the substrate. Then, smooth the surface with a trowel to level it and create the desired look. If necessary, you can apply a second coat after 4 hours if the MicroConcrete is dry to the touch.
4. After 6 hours following the application of your last layer of MicroConcrete, sand the surface with 80 or 100 grit paper or remove any roughness with a trowel.
5. Dry clean with a brush or a vacuum cleaner. Do not clean with water or damp cloth.
6. After a minimum of 12 hours, apply Finitec [MicroConcrete sealer](#). See [application guide](#) for detailed instructions.

Note: For spraying MicroConcrete, a hopper gun with a 4mm nozzle and a minimum air inlet pressure of 80 psi can be used. Then, smooth the sprayed surface with a trowel.

TO INSTALL MICROCONCRETE ON CERAMIC

1. Vacuum the surface.
2. Deep clean the ceramic with [Finitec Surface Preparation](#). See the [surface preparation application guide](#) for more details.
3. To optimize mechanical adhesion and facilitate installation, sand the ceramic with a 40 or 60 grit sandpaper and vacuum.
4. Seal the ceramic joints with our [protective sealer](#), a ceramic joint sealer, or a liquid membrane.
5. Mix the MicroConcrete with cold water using a drill and concrete mixer, maintaining a ratio of 20mL of cold water per 100g of MicroConcrete (700mL of cold water for a 3.5kg bag and 3.6L of cold water for an 18kg bucket), until a smooth and homogeneous mixture is obtained. Let the mixture sit for 2 to 3 minutes, then mix again. **Use a scale to ensure color uniformity. (VERY IMPORTANT STEP)**
6. Fill the ceramic joints with MicroConcrete to level with the ceramic. Here are two methods:
 - a. Fill the grout joints with MicroConcrete or [MicroConcrete filling](#) for horizontal application using a small trowel. Ensure the joint is filled to be level with the ceramic. If there is excess on the ceramic, you can sand it down or remove any bumps with a flat trowel about 4 to 5 hours after application. Clean the surface thoroughly with a vacuum. Do not use water or a damp cloth for cleaning.

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b. Apply a layer of MicroConcrete or [MicroConcrete filling](#) for horizontal application over the entire ceramic surface using a trowel at a 45-degree angle, ensuring the ceramic joints are well-filled. After 4 to 5 hours, remove any bumps with a metal trowel or sand the surface with a sander and 80 or 100 grit sandpaper. Clean the surface thoroughly with a vacuum. Do not use water or a damp cloth for cleaning.

*The goal is to fill the ceramic joints, not to apply a uniform layer over the entire surface.

7. Apply a thin layer of 1 or 2 mm of MicroConcrete over the entire ceramic surface using the [flexible Finitec trowel](#). Let it dry for 3 to 4 hours. If your surface is rough, you can sand it with 80 or 100 grit sandpaper. If the texture of your surface is satisfactory, you can use a flat trowel to remove the bumps on the MicroConcrete. Then vacuum. Do not clean with water or a damp cloth.
8. After this step, it is normal to see the outline of the old ceramic. Apply an additional layer with the [Finitec flexible trowel](#) to create the desired effect. Let it dry for 3 to 4 hours. If your surface is rough, you can sand it with 80 or 100 grit sandpaper. If the texture of your surface is satisfactory, use a flat trowel to remove any bumps on the MicroConcrete. Then, vacuum the area. Do not clean with water or a damp cloth.
9. After 4 hours, if the MicroConcrete is dry to the touch and you can still see the outline of the old ceramic, an additional layer of MicroConcrete is necessary.
10. After 4 to 5 hours following the application of your last layer of MicroConcrete, remove any bumps using a metal trowel or sand the surface with a sander and 80 or 100 grit sandpaper. Clean the surface thoroughly with a vacuum. Do not use water or a damp cloth for cleaning.
11. After a minimum of 12 hours following the application of your last layer of MicroConcrete, apply the [Finitec MicroConcrete sealer](#). See the [sealer application guide](#) for detailed instructions.

Note: For spraying MicroConcrete, use a hopper gun with a 4 mm nozzle and an air input pressure of at least 80 psi. Then, smooth the sprayed surface with a trowel.

TO INSTALL MICROCONCRETE OVER MELAMINE

1. Clean the surface with [Finitec surface preparation](#). Rinse thoroughly and let it dry. Refer to the [surface preparation application guide](#) for more details.
2. Sand the surface with 80 or 100 grit paper. Remove dust with a vacuum cleaner and/or a damp cloth.
3. Mix the MicroConcrete with cold water using a drill and concrete mixer, maintaining a ratio of 20mL of cold water per 100g of MicroConcrete (700mL of cold water for a 3.5kg bag and 3.6L of cold water for an 18kg bucket), until a smooth and homogeneous mixture is obtained. Let the mixture sit for 2 to 3 minutes, then mix again. **Use a scale to ensure color uniformity. (VERY IMPORTANT STEP)**
4. Apply the MicroConcrete with the [Finitec flexible trowel](#), making half-moon or circular movements. Once the MicroConcrete is spread over your surface, wait 2 to 5 minutes to allow it to set on the substrate. Then, smooth the surface with a trowel to level it and achieve the desired appearance. If needed, you can apply a second coat after 4 hours if the MicroConcrete is dry to the touch.
5. After 6 hours following the application of your last layer of MicroConcrete, sand the surface with 80 or 100 grit paper or remove any roughness with a trowel.
6. Dry clean with a brush or a vacuum cleaner. Do not clean with water or a damp cloth.
7. After a minimum of 12 hours, apply [Finitec MicroConcrete sealer](#). See the [application guide](#) for detailed instructions.

Note: For spraying MicroConcrete, you can use a hopper gun with a 4 mm nozzle and an air input pressure of at least 80 psi. Then, smooth the sprayed surface with a trowel.

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DRYING TIME

Touch: between 1 and 3 hours

Recoat: 4 hours

Circulation: 12 hours

SHELFLIFE

MicroConcrete has a shelf life of two years if kept in its original packaging, well closed and stored in a dry place.

RESPONSIBILITY

It is the user's responsibility to read the instructions before using the product. Consult our website at www.finitec-inc.com or call our Customer Service Department at 1-888-838-4449 for more information.

WARRANTY

Finitec Hardwood Products Inc. certifies that the product is free from manufacturing defect. The user assumes all responsibility for use in accordance with instructions of this label. Manufacturer's responsibility is limited to replacement of the product.

FIRST AID

Contains Portland cement and sand (crystalline silica). In case of eye contact: Flush eyes with plenty of water for at least 15 minutes. In case of skin contact: Wash exposed and/or contaminated parts thoroughly after handling. If inhaled: Move conscious victim to fresh air. If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison control center or doctor.