

MICROCEMENT COARSE COAT WETROOM APPLICATION GUIDE

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polished concrete materials

Introduction

For wet rooms the substrate and its preparation is very important.

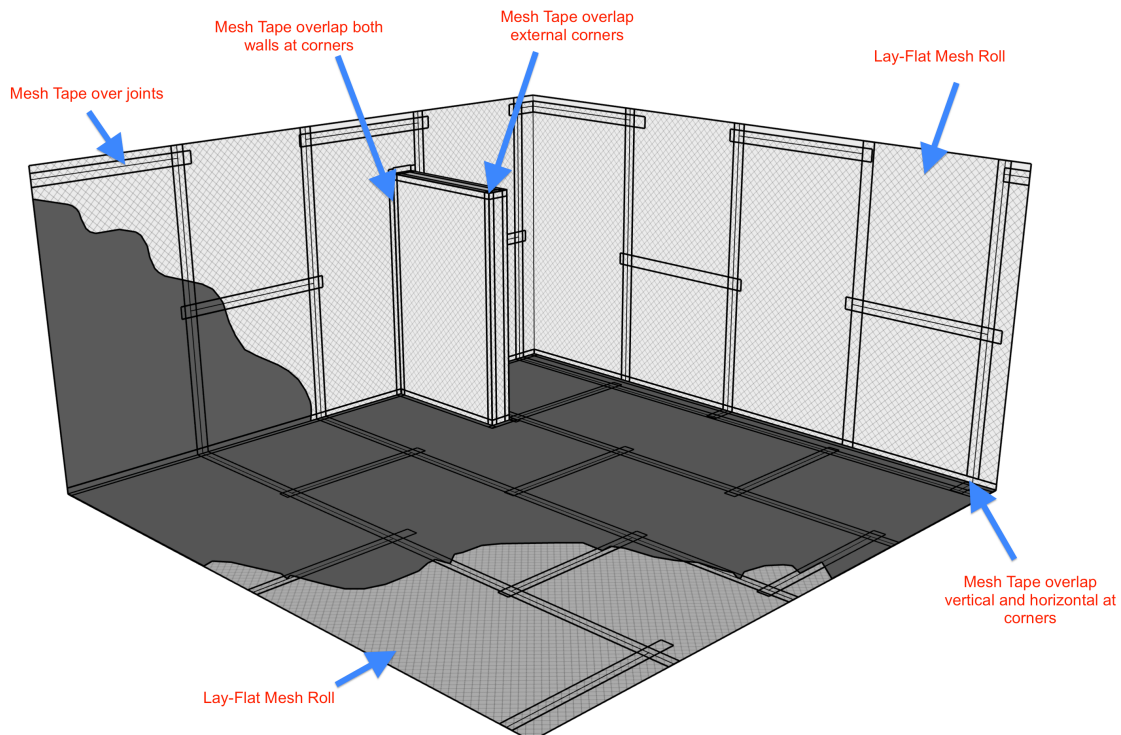
For wet-room application specifically we recommend that a proprietary wetroom system is installed such as that supplied by Aquatechnic.

Once the wetroom system has been installed, we recommend that 3 coats of microcement are applied as follows.

Coat 1 - Microcement Coarse Coat & Mesh

The first coat is a Microcement Coarse Coat and into this Fibreglass Mesh is embedded. Both of which can be purchased from our website.

2. Mesh Preparation Instructions



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The mesh roll and mesh tape are an integral part of the system.

The mesh roll is self-adhesive and should be applied to all joints between the boards.

The mesh roll comes on a 1 metre wide roll and each strip should overlap the next by a minimum of 100mm. This is both on the walls and floors and where the wall and floor meet the mesh should be run up the corner by again a minimum of 100mm.

The roll should be pre-cut and laid out on horizontal surfaces. For vertical surfaces should be pre-cut also and temporarily affixed in place with good quality tape.

Once the coarse coat microcement application begins it can be used to “spot bond” the mesh in place.

3. Primer Mixing & Application Instructions

- a. Mix 3 parts clean water to 1 part neat resin.
TIP - Mark a line on the bottle where the neat resin sits. Use this line to mark out where to fill the bottle to, when adding the extra water.
- b. Apply one layer of the primer with a paint roller to areas to be microcemented.
Let dry for at least 30 minutes.

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4. Coarse Coat Microcement Mixing & Application Instructions

IMPORTANT

POT LIFE - Approx 20 minutes depending on ambient conditions

For either the 5 or 10 square metre kits, do not mix all of the powder up in one go. Mix up the microcement and liquid in batches.

- a. Mix neat resin with 2 part clean water.
TIP - Mark a line on the bottle where the neat resin sits. Use this line to mark out where to fill the bottle to, when adding the extra water.
- b. In a clean bucket add a batch of the microcement powder. DO NOT add the powder to the liquid, always add the liquid to the powder.
- c. Pour in the diluted resin gradually whilst mixing with the electric paddle mixer. Continue to add the liquid and mix until the microcement reaches a smooth creamy consistency, similar to yoghurt.
Make sure the corners of the bucket are scraped so that any dry material is mixed and there are no lumps.
- d. Let it rest for 10 minutes as there will be a false set.
- e. After 10 minutes remix the microcement adding a small amount of extra liquid if required to reach the smooth yoghurt-like consistency once more.

TIPS

- the consistency of the microcement should be like yoghurt
- on hot days the mix will set more quickly and this is when the plasticiser may be required)

Application

- a. Spread the microcement with a spatula or trowel on the surface with even pressure. We recommend a microcement spatula.
The coat should be just enough to cover the mesh.

IMPORTANT - If the microcement is applied any thicker, the coverage of

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the pack will be reduced - you may not have enough to complete the job.

Once completed the first coat should be left to dry for 24 hours.

- b. After 24 hours the microcement should be lightly sanded with a 80 to 120 grit orbital sanding pad to achieve an even smooth surface.

Coats 2 and 3 (Standard Microcement Kit)

Our standard Microcement Kits will then form Coats 2 and 3 which can be applied as per the standard instructions.

Both these coats have a far smoother consistency and finish.

Again 24 hours should be left after the application of Coat 2. It should then be sanded and then Coat 3 can be applied. The wall/floor can then be sanded 24 hours after application of Coat 3.

Finally, the Ecobeton GiGi Sealer can be applied as per Concrete Lab instructions.