

# Technical Bulletin

*Title: Microcement onto ceramic tiles*

*Date: 05/02/2024*



## **Introduction:**

Microcement is an extremely versatile product which can be applied to virtually any correctly prepared substrate.

Ceramic tiles are often found in domestic and commercial environments and provided they are securely attached to a wall, floor or similar surface can be prepared in a manner such that it becomes a suitable substrate onto which microcement can be applied.

## **Method:**

We recommend the following preparation before applying the standard two-coat polished concrete microcement product.

1. Ensure the tiles are securely affixed to their substrate. If any are loose then these should be removed. If any are loose then removal of all the tiles and other substrate preparation methods should be considered.
2. Ensure the tiles are clean and free of grease etc.
3. Remove all silicone to the application area.
4. Primer with our Universal Primer but dilute with 2 parts water not 3 (as per instructions)
5. Dust the primer with dry sand for increased adhesion
6. Let the primer dry.
7. Fill the grout lines ONLY with Coarse Coat Microcement (1-coat system) mixed as per instructions. Let dry until following day.
8. Sand the microcement flat.
9. Reapply Primer & grit as per steps 3,4,5 to entire application area.
10. Apply Coarse Coat Microcement (1-coat system) to the entire tiled surface.
11. Whilst the Coarse Microcement is still wet, embed fibreglass mesh into the microcement using a trowel. Flatten the surface. Let dry until the following day.
12. Sand the microcement flat.
13. Apply Standard 2-coat Polished Concrete Microcement Product according to instructions.

If you have any further queries please contact our technical department ([support@concretelab.co.uk](mailto:support@concretelab.co.uk)).