

# Technical Bulletin

*Title: Microcement over Worktops & Furniture - Substrate Preparation*

*Date: 19/05/2023*

## Introduction:

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

If the substrate onto which it is applied is not suitable however (e.g. flexes too much, loose joints between sections etc.) then the microcement will crack or worse fail.

## Substrate Types

Suitable substrate materials should have low absorbency and minimal flex. Examples are as follows;

18mm Moisture Resistant MDF  
18mm Hardwood Plywood  
6mm Cement Board  
Laminate Worktops (not flooring)

The above list is not exhaustive and the above thicknesses are given as a minimum.

## Method:

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### Substrate Preparation

- a. Ensure the surface is clean, free from grease/wax or any other contaminants.
- b. If possible ensure all joints between substrate materials are screwed together and also glued with polyurethane glue.
- c. Apply a coat of Primer (supplied in the kit) and leave to go tacky for 30 minutes.
- d. Apply Self-Adhesive Lay Flat Mesh Tape over joints in materials and edges (<http://c-lab.uk/taauj>).

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*polished concrete materials*

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e. Apply Lay flat fibreglass mesh on the work surfaces.

NOTE - Where there are changes in surfaces from horizontal to vertical, for example with a worktop splash-back ensure the mesh/mesh roll is folded into the corners and runs up the adjacent surface by 50mm.

f. Apply the “standard” microcement according to the application instructions.

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