

FREQUENTLY ASKED QUESTIONS

SUBSTRATES

1. Can it be applied on tiles or terracotta?

Yes, if the tiles are well bonded . You must check if they sound hollow, prepare them with our special primers

2. Can it be applied on wooden surfaces?

Wood by nature is not an inert material. Distortion of the material could cause cracking to the mortar on the surface. Nevertheless, our microcement can be applied on plywood , OSB and MDF, if the joints are secured and primed. Ask for more specific information

3. Can it be applied on top of cement screed or anhydrite screed even with under floor heating?

Yes, these substrates are the ideal ones to apply it on.

It is essential to mark cracking joints of your surface on the surface, particularly for cement screeds. These joints can be treated with coloured acrylic sealant.

Anhydrite screed over underfloor heating must have been heated and cooled off first.

4. During renovation, can it be applied to a floor made of various materials ?

Yes, if the floor is made of tiles, screeds and / or levelling compounds.

The use of the levelling mortar in addition with a mesh at the junctions will allow to secure the area.

5. Can it be used for walk-in showers ?

Yes. It is the recommended system for walk-in showers as the microcement, protected, is waterproof.

6. Can it be used to cover furniture or worktops?

Yes, if the surface is made of concrete, wood (MDF, OSB, plywood) or tiled.

The surface should be prepared depending on the type of the existing substrate.

7. Can it be applied to walls?

Yes, if the surface is plasterboard, fibre cement, plaster, brick, tile or mortar.

The surface should be prepared depending on the type of the existing substrate.

8. Can it be used outside?

Yes. Microcement can be applied outdoors as it is a tanking mortar specifically designed for this purpose.

However, outside, it ages like other natural stones and concretes do.

Water, leaves and various stains could mark it despite the water and oil repellent applied to the surface.

STRENGTH

9. Can the microcement crack?

Yes. The microcement won't crack by itself but if the surface underneath cracks, the crack will be seen on the surface.

The main qualities of this microcement are the extreme level of bonding and strength. These two criterias ensure the strength and durability of the system.

10. Can the microcement become unstuck?

No. The main quality of these mortars is adhesiveness: they resist to peeling extremely well. In addition, the chemical compatibility of the different layers provides an indivisible, unbreakable product.

11. Can the microcement be stained ?

Yes, the professional sealer can only be stained if coloured products remain on the surface for several hours, and also if the microcement has been done with a rough finish. A light sanding will remove the stain.

In any case, the microcement won't be stained itself, the sealant offers a barrier if applied properly.

APPEARANCE

12. What is the end finish?

The sealant is available in matt, satin or gloss.

There is also an iridescent sealer (with small flakes) to brighten the surface with sparkly flecks.

Alternatively, a wax can be applied and polished

13. Does the application always give the same result ?

It is the hand and the technique of the applicator which gives the desired effect.

14. Can other colours be chosen ?

Yes. If needed, the AD LUCEM laboratory can tailor or create a colour on demand.

WORK

15. How long does a job take?

3 or 4 days from the preparation work to the end of the application.

It is possible to carefully walk on the floor at the end of the day, and in socks once the mortar has taken, except on the day it is sealed or varnished as it needs 24hrs drying time before you can walk on it.

Warning: The system is not dry right through until 2 weeks after application, so do not put carpet or heavy furniture down to mark the surface during the first week.

You must also wait 4 days before watering a walk-in shower or a worktop surface.

MAINTENANCE

16. Is there any specific maintenance guidance ?

Whenever it is possible, you should clean stains when they appear and take the same precautions as you would with a varnished wooden floors (mat at the entrance, watch out for stones on shoes, etc.).

For cleaning, do not use acidic cleaners.

17. Will the floor fade or scratch?

The AD LUCEM sealers is one of the hardest on the market. It is highly resistant to marking and scratches (an orbital sander does not scratch the surface).

When worn in high traffic areas, it is possible to apply a reviver product on the surface. It hides the flaws and gives a like-new finish.