



INNOVACHEMICAL
a green company for a better world

PRECAUTIONS AND MAINTENANCE

Microcement floors
Rev 08-10-2020

Innova Products

This Precautions and Maintenance document is made mainly for 2 of our finishing systems: microcement and stucco.

MICROCEMENT

Newly applied microcement care

The risks of scratches, tarnish and severe dirt of the floor take place in the first weeks of service life. A newly made floor, after 4 weeks, has a superior hardness and a better cleaning than at the beginning when just completed.

Our Micro-cements need about 4 weeks to achieve the full hardness at room temperature and humidity (20°C and 40% to 60% of relative humidity).

First week precautions

Keep the temperature of the house or space where the micro-cement was applied between 15°C to 25°C.

Do not step on the floor or work over the surface where the micro-cement was used.

Avoid leakages and humidity during this period.

Do not wash, clean, use water or attack the floor under any circumstances.

Do not protect the surface with cardboard or paper the first 7 days.

Precautions after the first week

In the case of painting works, plumbing and construction, etc. protect with double corrugated cardboard.

Do not let any tools fall and avoid hitting the micro-cement surface.

Clean only with water and without abrasive mechanical efforts, neither detergents of any kind. On cleaning situations, do not permit water puddles.

Prevent for the paint spills, glue or drying liquids discharge, as they can damage the Polyurethane Varnish.

Precautions and care after the first month

We recommend applying an acrylic wax each month to aid the protection of the surface.

Avoid the contact with strong solvents, turpentine, hydrochloric acid, hair dyes or any other kind of organic or inorganic acids.

In the case of tarnish over the time because of the use of the floors, do the following cleaning: cleanse with a descaling or anti-grease agent.

Once this cleaning is done, you can use acrylic wax to bring the shine of the surface back. Also 1 or 2 new layers of Polyurethane Varnish can be apply over the surface.

Avoid exposing the floor strong heat permanently. Do not throw lit cigarettes to the floor. Do not make applications close to ovens and fireplace.

In the case of the kitchen counter, do not place hot pots and pans over the microcement.

Do not use abrasive products that polish, wear out or scratch. Do not use solvents or acids and concentrated bases on a usual or big amount. Do not use abrasive cleaning systems, like metallic or hard brushes, sand paper, abrasive discs, hard sponge, etc.

Do not use paint solvents over micro-cement surfaces.

Always avoid knocks or drag furniture.

Furniture precautions

A good selection of the furniture that is going to be use on the micro-cement floor is key.

Never place furniture with legs under the following characteristics: pointed, rounded, with rigid plastic protectors, etc... because it concentrates the totality of the weight in only one point and it can mark the micro-cement. The legs of the chairs, tables or furniture must have a wide and straight termination and must always have felt protectors.

All the rigid plastic protectors on the leg of the furniture must be remove and use felt protectors in their place.

Completely avoid dragging the furniture or the household appliances through a microcement floor.

Incorrect legs example:



Incorrect protector example:



Place plastic protectors, which cover the full movement of the rolling wheels on chairs, tables or office chairs with rolling wheels.

Precautions with condensation on microcement

In cases where pots are placed for a long time directly on the floor or dishes that collect water from the pots, or a plastic container, shampoos, a piece of furniture, etc. may cause moisture spots to appear due to condensation between the Microcement and the object.

Precautions related to metallic objects on the microcement

Placing iron objects in a Microcement is not recommended. Metal plant pots, metal lamps, metal pergolas stands, etc. they can leave a rust mark on the pavement.

Precautions related to contact of chemicals in the microcement

Microcement can be perfectly applied in hairdressing salons, laboratories or areas where chemical products, coloring pigments, alcohol, acids, etc. are handled. The only precaution is to avoid that these chemicals have contact with the microcement, such as some hair dyes, chlorine, battery acid, solvents, silicones, etc ... due to their composition, they are very aggressive and can sometimes penetrate into the varnish layer. , being able to be stain.

Usual cleaning

1. Manual application of neutral detergent.
2. The rinse and absorption of the water with the mop or any system of suction of liquids. Never leave water puddles for long time, this water must be always removed. The use of acrylic wax is very beneficial and will make the floor less dirty.

VENETIAN PLASTER

Mediterranean Stucco is a product to decorate. Do not apply it for any other purpose or to areas where it may be scratched, scraped, hit, or otherwise mistreated.

If you need to dilute the product with water to obtain a better mass for the application, make sure you don't exceed a 5% as the maximum of dissolution.

Never use the product on wet surfaces or surfaces with capillary humidity. Never use the product if there is a humidity in the environment that exceeds the 50%.

Do not apply with layers thicker than 0,1 mm.

Do not use the product if there is any liability of cold weather or raining. Do not apply the product if the temperature is under 5°C or over 35°C.

Never leave the final layer incomplete continue until the termination without any stops, in this way you will avoid marks, joints etc. if the surface is to big the application must be done by several people at the same time.

Never use Mediterranean Stucco on the floor.

Do not use for the final layer different bins of products. If you had 2 or more bins of products mix them before starting the application.

Avoid bumps, rubs or scratches on the finished walls of Mediterranean Stucco.

If you wish to have completely washable stucco on the bathroom walls, facades or walls exposed to water, we recommend applying 1 layer of protective varnish for walls CLEAR COAT MS, using a microfiber roller or a short haired roller, covering the whole surface making sure that the surface is completely smooth and without bubbles.

Once this layer is dry (approx. 2 hrs.) apply a second layer of CLEAR COAT MS in the same fashion.

Once the application is completed, let it dry for 7 days before using any water on the surface or masking tapes.

If you need to do a painting job next to the Mediterranean Stucco surface you must wait 7 days before placing any tape of the surface.