

## PoolCem

### Technical advice for the implementation of Microestil® PoolCem pools.

Before any work, the applicators must obtain all technical information, and prior training necessary to carry out the work with successful. If they need further information, please contact our technicians' [formacion@microestil.com](mailto:formacion@microestil.com)

**The support** must be based cement tan 28 days old without residual moisture, indestructible structure according to technical legal procedures. **Microestil® POOLCEM** is flexible but not elastic mineral coating, so that applications should not be made on elastic membranes. In rehabilitation pools should remove old coatings such as paint, tiles, stoneware...

**Environment preparation:** Protect from sun and rain during the application process until fill the pool, because the direct sunlight exhibition during application and forged of the material can cause defects in the final resistances microcement, puddles or water drops and any liquid on the finish surface before filling of the pool can cause irreversible stains. We advice securing the area to prevent entry unauthorized people and / or animals in the area of application.

1. The support must be clean, free of cracks, oil remains, fats and paint and any contaminants that will inhibit adhesion to the support. Cleaning the support will be carried out with under pressure water.
2. Dampen the support with water and put cleaner **ESACID S-10** by spray and then brushed, rinse the surface with water and suck all.
3. When the support is still wet after cleaning but it has shiny water, the first evenly coat **POOLCEM F6** can be applied by metal trowel, consuming no less than 1,5Kg per square meter, starting the application in walls and then in floor of the pool. In case that the support will be dried, it will be dampened with spray water before apply the second coat **POOLCEM F6**. If the application of the second coat is applied elapsed more than 8 hours since the first application (the next day), it should treat the surface with the cleaner **ESACID S-10** according point 2. We advise reinforcing mesh fiberglass 80gr/m<sup>2</sup> on the coving last between 30 ó 40cms and the perimeter band.
4. Passed 8/12 hours after second coat **POOLCEM F6** will be removed with a scraper 60 the irregularities that may have been left on the surface.
5. Repeat the treatment number 2.
6. Ended the treatment and before cleaning when the support is still wet, apply with metal trowel two coats **POOLCEM F2** cool on wet (application between coats 1 and 2 hours, depending the ambient temperature). The consumption per square meter should not be less than 1Kg per coat. Make application of two coats wall to wall and then the floor the same way. In this phase we advice that it be done at least with three workers, one mixing and two applying. Thus the second coat will be applied in the right time.



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7. Passed 24/48 hours after application, polish mechanically the surface with 120 grit sandpaper. A step polishing with grain sizes thicker to thinner, are achieved more aesthetic finishes with closer pore.
8. Sweep and suck all surfaces.
9. When the surface is **completely dry** without moisture, apply a coat of HIDROFUGANTE W52, with frataxa sponge or cotton mop, avoiding puddles on the floor and tears in the walls. The excess product could stain permanently the coating. **During the drying time until to fill the pool, avoid that the coating will be wet because they could be permanently marks.**
10. After a minimum of 5 days, we will fill the pool at one time to avoid marks on the coating.
11. Check with a test chlorine levels and Ph of the water and correct them as soon as possible. The dosage of chemical products should be done with automatic dispensers or through electrolysis in the hydraulic system or in the pools skimmers, **never directly on the glass of the pool.**

**ADVICE:** Microestil® POOLCEM coating is a totally natural appearance and breathable, so discourage the application of sealing varnishes. As always the line darker by wet flotation will be marked effect, we advice installing an automatic level controller.

**Due to the different conditions which may occur in the works, the applicator must make prior checks to determine the suitability of the product for the application to be carried out and inform the user as to perform maintenance on the pool.**

NOTE: this technical datasheet serves as all other recommendations and technical information, is to describe the product characteristics, mode of use and applications. The information supplied is based on our technical knowledge obtained in the bibliography, laboratory tests and in practice. The data about consumption and dosage contained in this datasheet is based upon extensive experience so these are susceptible to variations due to the different conditions of work. Real consumption and dosages should be decided on -site through preliminary tests and are the responsibility of the customer. For further advice contact our technical service. Microestil Cement, SL reserves the right to update and change the composition of the products. Other product applications that do not conform to those indicated will not be our responsibility. We give guarantee in case of manufacturing defects quality of our products, excluding any other complaints, only to be our responsibility to return the value of the goods supplied. The present technical datasheet loses your validity with the appearance of a new edition.