

## **METHOD STATEMENT** **0896 CREATIVO® MICROCEMENTO** **CREATIVO® MICROCEMENT ON FLOOR**

### **SURFACE PREPARATION**

CREATIVO® MICROCEMENTO can be applied on cement screeds, ceramic surfaces, porcelain, mosaics, concrete, epoxy coatings, polyurethane coatings, organic surfaces or natural inorganic ones if well sound.

Surfaces need to be compact, sound, dry, solid, clean, free from dust, grease, oil, waxes, sealers, silicone, adhesive, compounds or any other item that might affect adhesion of the system.

Old paint and filming agents, not perfectly compact and adherent to the substrate, needs to be removed. In case the substrate is not solid, sound and compact, apply a consolidating coat of CREATIVO® PRIMER.

In case of exterior dusty and non-solid substrates, apply a 1st coat of RESINPOL instead. Carefully evaluate substrate condition after consolidation process before moving to the next step.

Missing parts, holes, cracks or damages, need to be repaired with specific restoration mortars. The repaired areas should be cured correctly according to the nature of the thickness and product applied. In case of rising damp or any type of humidity above 4% it is necessary to apply CREATIVO® BARRIERA vapour barrier first.

If the surface is not perfectly even, it is necessary to apply a self-levelling screed first and let it cure according to its nature and manufacturer's recommendation. CREATIVO® full system is 2-3 mm system, so it does not have a sufficient thickness to act as a self-levelling product.

CREATIVO® has an excellent adhesion on wood, but we don't recommend application on parquet floor to avoid that the movement of the latter and the different elastic module affect the finish over time. It is therefore recommended to remove it. On high gloss and smooth substrates it is necessary to perform a light shot blasting or grinding to improve adhesion of CREATIVO®.

Any dynamic joint element needs to stay free to absorb potential structural movement. In case of radiant floor heating, make sure that thermal shock test has been performed before application of CREATIVO® system, and won't be performed subsequently to its application. In case there is a coating, it is necessary to apply CREATIVO® BARRIERA. The heating system has to be switched off 4 days before starting application and can be turned on again after 7 days from completion.

On surfaces subject to water stagnation, such as shower trays, sinks or outdoor floorings, a suitable slope needs to be considered (at least 1 cm per linear meter) to avoid that the prolonged contact can affect the aesthetic finish of the full system.

CREATIVO® does not need any key coat.

In case of surfaces with the possibility of extended water stagnation as shower trays, bath tubs or outdoor floorings, a suitable slope needs to be considered (at least 1 cm per linear meter) to avoid that the prolonged contact can affect the aesthetic finish.

For application on new screed, make sure that the screed has cured properly according to manufacturer's recommendation and for a minimum of 28 days.

### **APPLICATION STEPS**

#### **1<sup>st</sup> COAT**

Mix well 2 parts (in weight) of CREATIVO® FONDO with 1 part of CREATIVO® MICROCEMENTO with a mixing drill for minimum 5 minutes or until a smooth, lump free, homogeneous mix is achieved. Leave the mix to settle a few minutes and proceed with application. Pot life of the two components, once mixed, is 1 hour, don't use the mixture after this time, don't try to re-activate it by adding water as the cement curing process has already started. Mix only the material that will be used. Apply the product by stainless steel trowel trying to avoid very thick layers per single coat. Do not apply After at least 8 hours sand manually or by sanding machine any imperfection, using 60G sandpaper and vacuum the dust. Avoid wetting the surface before completing the system, stains or spots will affect the final result.

On large surfaces and on ceramic tiles with joints wider than 5 mm, we recommend to interpose a 90 G fiberglass mesh in the first coat of CREATIVO® MICROCEMENTO on the full area. A 90 G fiberglass mesh must also be applied in case the substrate is composed of different materials (ex. part of the substrate is ceramic tiles, part is screed) as different substrate are subject to different movements, and the fiberglass mesh will help contrast the action of such movements.

We recommend the use of shoecovers during all the operations to avoid dirtying the surfaces. Avoid wetting the surface before completing the system, stains or spots will affect the final result.

## 2<sup>nd</sup> COAT

Apply the second coat of CREATIVO® FONDO mixed with CREATIVO® MICROCEMENTO in the same way, after at least 8 hours sand manually or by sanding machine any imperfection, use 60G sandpaper and vacuum the dust.

## 3<sup>rd</sup> COAT

Mix CREATIVO® FINITURA, coloured in the desired shade, with CREATIVO® MICROCEMENTO, using the same method as in the first and second coat. Apply with special tool SPATOLA CREATIVO® made with an extra thin stainless steel blade. The use of spatulas with a stiff blade can develop black marks on the finish. After 8 hours sand manually or by sanding machine any imperfection, using 120G sandpaper and vacuum the dust.

## 4<sup>th</sup> COAT

Apply the second coat of CREATIVO® FINITURA in the same way as the first and design the surface with the specific technique. After at least 8 hours sand and vacuum the surface.

## 5<sup>th</sup> COAT

Apply one coat of CREATIVO® PRIMER, ready to use, by roller, in order to absorbency of CREATIVO® TOP. Wait 4 hours for the coat to dry.

## 6<sup>th</sup> COAT

Application of CREATIVO® TOP. Mix carefully COMPONENT A before use, add COMPONENT B (catalysis ratio: 1kg A + 0,2 kg B), mix well and apply with specific CREATIVO® MOHAIR ROLLER or for smaller areas with velour mini-roller, taking care of applying homogeneously the product without leaving deposits and paying attention to corners, edge. First coat can be diluted up to 10% with water.

## 7<sup>th</sup> COAT

After about 6 hours, and not later than 24 hours from the first coat, apply a second one with the same method, diluting 0-5% with water. In case over 24 hours have passed, it is necessary to sand the surface with thin grit sandpaper (250G and over) and vacuum before proceeding to the next coat. In heavy traffic areas, in exterior or areas subject to water stagnation we recommend to apply a third coat of CREATIVO® TOP.

## **DRYING TIME AND CURING**

Wait at least 24 hours before walking on the surface. We, although, advise to wait 3-4 days to have greater resistances. 80% of chemical and physical resistances are reached after 72 hours, for complete hardening and performances wait 7 days. Environment temperatures and humidity can affect drying and filming times. Wait 7 days before cleaning the surface for the first time and moving anything heavy on the surface. Do not place heated items (pots and pans) directly on the surface

**IMPORTANT NOTES:**

- Before application, ensure that the surface is perfectly dry and hardened, and that it has good adherence to the supporting substrate. It must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.
- Protect drums from freezing temperatures (minimum + 5° C).
- Store in a cool, dry place; do not expose to direct sunlight.
- The temperature of both the work environment and substrate should be between + 8° C and + 30° C. Relative humidity must not exceed 75%.
- Avoid curing with temperatures of environments and substrate below +5°C.
- Do not use the product outside when there is the likelihood of rain, in direct sunlight, strong winds, or persistent fog.
- Protect the treated surfaces from driving rain for as long as necessary for the complete curing of the product.
- Obtain enough of the colour in a single batch to complete the job or at least complete portions of work which do not draw attention to shade differences.
- Due to the complexity of the system and its possible application, please contact our Technical Team for any clarification.

**CLEANING AND MAINTENANCE:**

During HACCP tests, CREATIVO® proved to have excellent resistances to alkaline and acid detergents. For general maintenance we recommend to clean the surface with a neutral detergent. Do not use a vapour steam cleaner. It is possible to use cleaning machines for professional use only if without abrasive brushes. Wait 7 days before cleaning the surface for the first time. Remove any aggressive substance from surface trying to avoid prolonged contact as it might affect the finish. A cleaning protocol is available for CREATIVO®. It is possible to contact the manufacturer at mp@mp-paints.com to receive the last update version