

### Description

Fine Coat MasterCret is a micro mineral-base composed of minerals, polymers, sand, resins, pigments and special waterproof additives, prepared and ready to be use.

To be applied in layers of 0.1 mm maximum, its use is for the finishing of any type of surface and the creation of continuous (without joints) decorative effect, imitating a natural cement.

It can be applied over:

- Indoors or outdoors smooth walls,
- General paving, indoors or outdoors, after the application of Fine Coat MasterCret.
- Bathroom and shower paving.
- Furnitures and bathrooms sinks.
- Outdoors terraces or facades.

After 8 years of R+D+I we launched to the market Fine Coat MasterCret: The first and only microcement used for surfaces finishing, ready for instant use and 100% WATERPROOF.

With Fine Coat MasterCret you will get a fine finishing of microcement, 100% waterproof, with a high hardness level. Our client's don't have to have any experience, machines, tools or mixing containers. With only one product and one container.

### Characteristics

One of the main characteristics of Fine Coat MasterCret is its simplicity, achieving fast applications, without needing 2 products as it have been done traditionally up to the date, Fine Coat MasterCret is a one in all integrated product and the only microcement that's 100% waterproof.

The main benefits of Fine Coat MasterCret are:

- It doesn't need to be mix. The product is ready to be use.
- 100% waterproof.
- Only one container with comparable hardness to any other microcement on the market.
- Easy application, without the need of experience.
- Excellent adhesion to any surface.
- Highly elastic product, which allows it to resist considerable tensions or movements of the building.
- High coverage power of the fiberglass mesh or tiles joints.
- Ideal product for the preparation of surfaces and the covering of joints; tiles, gresite, stoneware, ceramic tiles, etc.

- Fast and clean application.
- In comparison with other microcements, 90% less dust while sanding.
- The possibility of pigmentation with any universal pigment and with tintometric machines.
- Application on indoors or outdoors walls and floors.
- Possibility of using an extensive variety of colors.

### Surfaces

Fine Coat MasterCret is suitable to be applied on any kind of vertical or horizontal surface indoors or outdoors, once they are regularized and completely smooth.

For a correct application of Fine Coat MasterCret it is necessary to have a surface which is completely rigid, without any movement or dilatation. If there are any surfaces, tiles or paintings in a bad state the defective areas should be rehabilitated and then the client should wait until it's completely dry before applying Fine Coat MasterCret (Microcement for preparation).

Fine Coat MasterCret can be applied either over walls or floor, indoors or outdoors, over an infinity of surfaces as:

- Plastic paint.
- Completely smooth cement and Plaster.
- Wood,
- Plasterboard.

### Surface preparation

Surfaces or walls without joints and completely smooth: apply a layer of Primer MasterCret on each surface in a homogeneous way, with a microfiber roller or a paintbrush and wait until it is completely dry. Apply 2 or 3 layers of Fine Coat MasterCret.

Surfaces with wide joints: on surfaces with more than 2mm wide joints and once completed the application of Primer MasterCret, cover first all the joints with Fine Coat MasterCret using a spatula and apply 2 or 3 layers of Fine Coat MasterCret. Wait until dry and then sand with 40 grit sandpaper.

Surfaces with thin joints: if the joint is thin (walls and floors), extend the fiberglass mesh and apply a layer of Primer MasterCret on each surface, in a homogeneous way, with a fiberglass roller or a paintbrush and wait until completely dry, paying special attention to areas with joints to make sure these are well covered. After apply 2 or 3 layers of Base Coat MasterCret. Wait until dry and then sand with 40 grit sandpaper.

### Technical Data

- Presentations: White or colored paste ready to be use.
- Granulometry: 0.0125.

- Classification UNE EN 12004:2008: D2.
- Density: 2. kg/dm<sup>3</sup>.
- Concrete adherence: A 28 d: higher to 16 kg/cm<sup>2</sup>.
- Mechanical resistance: Compression a 28 d superior to 55 kg/cm<sup>2</sup>.
- Flexion: >08/N mm<sup>2</sup>.
- Drying time: 2 to 4 hrs. at 20°C / 60% relative humidity.
- Base: Water.
- Coverage: 0.5 kg/m<sup>2</sup>/0.1m of thickness.
- Application temperature: +5°C / +35°C.
- Mixing ratio: Product ready to be use. Maximum dissolution of 5 % with water.
- Combustibility of the material: non-flammable
- Containers format: 1.5 kg, 5 kg and 20 kg.
- Slipperiness: C2.
- Solvent: exempted.
- Epoxy: exempted.
- Resistance to bacterial growth: 99%.
- Transportation: material considered non-dangerous for its transportation.
- Storage: material considered non-dangerous for its storage. To be storage fresh, dry and ventilated areas.
- Expiration: 1 year on its container hermetically sealed. Once opened to be use in the coming days.

### Application method

Open the container and mix well with a spatula until its complete homogenization. Apply from 2 to 3 layers, as needed, with a thickness of maximum 0.1mm for each layer up to the point the continuous finishing desired has been attained and the joints are fully covered.

The thickness of 0.1mm is attained with the steel trowel in an inclined position of 45° and exerting certain pressure while applying the product. This product must never be applied on layers thicker than 0.1mm.

With really dry surfaces, the surface where Fine Coat MasterCret will be applied can be slightly moistened with water using a diffuser spray, without creating swamps. This process can be done between layers.

The application of all the layers have to be done with short and semicircular movements, completely covering the surface, trying to leave as less imperfections as possible. Wait until dry between one layer and the application of the next one up to the point a completely even surface is achieved.

To make sure no joints are visible, the last layer must be done in a continuous and without stops way.

It's recommended to sand each layer with sandpaper grit size 100-120. After each sanding, completely vacuum the dust and /or remove it with a moist rag.

Once the applications of Fine Coat MasterCret are finalized, fine microcement ready to be use 100% waterproof, 1 layer of Seal MasterCret and 2 layers of polyurethane varnish PU Varnish 2k MasterCret must be applied, to facilitate its cleaning.

### Efficiency

With 1 kg of Fine Coat MasterCret (applied on layer of 0.1mm maximum) 2 layer would be applied with a coverage of 1 m2. (Remember that most of the time it is required to apply two layers of Fine Coat MasterCret to attain a perfect preparation and that it will be needed 1kg for m2).

### Cleaning

The cleaning of the tools can be done with water.

### Packaging

Fine Coat MasterCret is presented in 1.5 kg, 5 kg, 10 kg and 20 kg.

### Recommendation

- Do not use Fine Coat MasterCret over surface with capillary humidity.
- In the case of concrete or cement mortars, wait a minimum of 30 days before its application, to assure the total forged of these.
- Don't add more water than recommended, either solvents or other products that could affect its use.
- Never drag furniture or other objects across the floor. The floor should be protected if other construction work is going to be done over the completed floor.
- All furniture, chairs and its legs should be protected with protective felt.
- Do not use over a microcement paving furniture with pointed or sharp legs, or ball shaped or any other shape that could damage the paving.
- If the surface where Fine Coat MasterCret is going to be applied is too wide the application must be done by several people at the same time in order to make sure possible joints are not noticeable.
- Merchandise is considered non dangerous to be transported. Water base, free of solvents, alcohols and flammable products.
- Use the appropriate PPE, It contains cement, irritates the eyes. Keep out of reach of children, evade the contact with eyes and skin by using appropriate PPE.
- In the case of having contact with eyes wash with plenty of water and consult a doctor in case of later discomforts.