

Description

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

The application must be done in layers of 1mm maximum, its use is for the PREPARATION of the surfaces and/or grouting of tiles, it can be applied indoors or outdoors:

- Indoors and outdoors walls.
- General paving.
- Bathroom and shower paving.
- Furnitures and bathrooms sinks.
- Exterior terraces.

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

With Base Coat MasterCret you will get a preparation of microcement, 100% waterproof, with a high hardness level. Our clients don't have to have any experience, machines, tools or mixing containers. With only one product and one container a perfect application can be done and finishing the application with our Fine Coat MasterCret, fine microcement ready for instant use and 100% waterproof.

Characteristics

One of the main characteristics of Base Coat MasterCret is its simplicity, achieving the surface smoothing and/or the preparation of different surfaces, without needing 2 products as it has been done traditionally up to the date, Base Microcement and Mixing resin. Base Coat MasterCret is a one-in-all integrated product and the only microcement that is 100% waterproof.

The main benefits of Base 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

Base Coat MasterCret is suitable to be applied on any kind of vertical or horizontal surface indoors or outdoors

The surfaces where Base Coat MasterCret is being applied must be resistant and clean, devoid of dust, grease or any other material which could impede its adhesion.

For a correct application of Base 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 its completely dry before applying Base Coat MasterCret.

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

- Plastic paint.
- Cement and Plaster.
- Wood and Pladur.
- Tiles, Stoneware floor tiles and ceramic tiles.
- Marble and Granite.

Surface preparation

Surfaces or walls without joints: apply a layer of Primer MasterCret on each surface, in an homogeneous way, with a microfiber roller or a paintbrush and wait until it's completely dry.

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 Base Coat MasterCret using a spatula.

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.

Technical Data

- Presentations: White or coloured paste ready to be use
- Granulometry: 0.4
- Classification UNE EN 12004:2008: D2
- Density: 2.4 g/dm³
- Concrete adherence: At 28 d: superior than 19 kg/cm²
- Mechanical resistance: Compression at 28 d superior than 75 kg/cm².
- Flexion: >08/N mm²
- Drying time: 4 – 6 hrs at 20°C / 60% relative humidity
- Base: Water
- Coverage: 1 kg/m²/1mm 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
- Container format: 3 kg, 5 kg and 20 kg.
- Slipperiness: C3
- 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 1 mm for each layer up to the point the continuous finish desired has been attained and the joints are fully covered.

The thickness of 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 layer thicker than 1mm.

With really dry surfaces, the surface where Base 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 layer 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 apply the next one up to the point a completely regular surface is achieved, neither the fiberglass mesh nor the tiles joints should be visible.

Its recommended to sand each layer with sandpaper grit size 40 or 60. After each sanding, completely vacuum the dust and /or remove it with a moist rag. Once the surface is preparad, the rest of the application process can be continued with Fine Coat MasterCret, fine microcement ready to be use 100% waterproof, completed with a layer of sealer and two layers of polyurethane varnish as to facilitate its cleaning.

Efficiency

With 1 kg of Base Coat MasterCret (applied on layer of 1mm maximun) a coverage of 1m to 2m will be attain (remember that most of the time it is required to apply two layer of Base Coat MasterCret to attain a perfect preparation and it will be needed 2kg for m2).

Cleaning

The cleaning of the tools can be done with water.

Packaging

Base Coat MasterCret is presented in 3 Kg, 5 kg, 10 kg and 20 kg.

Recommendation

- Do not use Base Coat Mastercret over surface with capillary humidity.
- In the case of concrete or mortars of cement, wait a minimum of 30 days before its application until the curing process is completely over.
- 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.
- 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.