



## DECOPOL MICROTOP

### PRODUCT DESCRIPTION:

Decopol Microtop is a Polymer modified two component cementitious based Coating system for creating a Seamless & mottled / Decorative surface finishes at Thin section

### PURPOSE:

DPM Is used for creating seamless polymer modified cementitious overlays on floors & walls .DPM is ideal for creating seamless surfaces over existing substrates (in concrete, sand-cement screed, ceramics, self-leveling surface) and for renovating old floors, both interior and exterior.Its practicality and great looks make it ideal for homes, shops, showrooms, restaurants and hotels. DPM is not only ideal for floors, but also for covering vertical surfaces such as plasterboard or masonry walls, staircases, bathtubs or shower enclosures. DPM is also a protective concrete coating protecting against freeze thaw and salt corrosion.DPM has high abrasion resistance, flexural and compressive properties that make it the perfect product for concrete renovations

### ADVANTAGES:

- Excellent adhesion.
- Excellent resistance to high traffic.
- Retards the penetration of water and de-icing salts.
- Resistant to UV rays and harsh weather conditions.
- Manufactured with low environmental impact because it is formulated on the basis of water

### Uses:

- Showrooms
- Residential apartments/Villas
- Hotels/Restaurants
- Malls /Theatres/Pubs/Club houses

### Application Guidelines:

DPM is a two-component system composed of a polymer mixed with a special cement mixture. The cement mixture is provided in two versions: along with DSC Polymer

DSC BASE COAT

DSC Base Coat uses the 0.5 millimeters course sand as a gauge to ensure the correct thickness is applied.

DSC Top Coat

DSC Top Coat is the same formula only without the course sand, giving a smooth appearance.

Depending on the surface profile and the degree of finishing required, it is possible to use one or more coats of both products.

## **SURFACE PREPARATION**

The surface is treated differently depending on whether the existing substrate is concrete, sand-cement screed, ceramic or a self-leveling surface. The floor may be shot-blasted, diamond ground or treated with a special acid based gel that removes the weaker layer of the concrete surface to ensure complete adhesion to a sound substrate.

Badly damaged concrete or cracks need to be repaired prior to Micro-topping being applied. RMPM Polymer Repair mortars, crack fillers and epoxies are used for such repairs.

If there are areas with the presence of hydraulic fluids, cutting oils or other materials suspected of migration, they should be properly treated. In the event that there is no guarantee that you will get a suitable surface, it is recommended not to proceed with the application of the product.

## **MIXING DATA & COVERAGE**

Tentative consumption Details

DSC Base Coat:

Polymer 0.425 - 0.34 Lt/m<sup>2</sup>

Micro topping DSC Base Coat(BC) 1.25 – 1.00 Kg/m<sup>2</sup>

Mix ratio 3 parts Powder : 1 part Polymer

In order to achieve the best performance of the Micro-topping system we suggest to apply minimum 2 coats of Base coat.

DSC Top Coat:

Polymer 0.12 - 0.10 Lt/m<sup>2</sup>

Micro topping DSC Top Coat (TC) 0.25 - 0.20 Kg/m<sup>2</sup>

Mix ratio 3 parts Powder : 1 part Polymer

Consumption may vary depending on the existing surface and the desired finish.

## **Standard Shades**

DSC Micro-topping BC and TC are supplied in two standard colors: grey and white. To get more colors, the liquid polymer DSC Reactive Colourants can be added during the mixing phase.

DSC Reactive Colour Stains are water-based stains made from UV stable Oxide based pigments designed for use with DSC Micro-topping.

DSC Reactive Concentrates are available in 4 standard colors.(Red ,yellow,Brown,Black) The intensity and hue will vary depending on the amount of product diluted in the polymer and the type (white or grey) of Micro-topping used

## **Application Methodology**

The ideal recommended temperature before any mixing and laying of the material should be between 10°C and 28°C. Do not use in the case of extreme temperatures or in windy conditions.

### **Application of DSC Micro-Topping BC (base coat)**

The liquid polymer DSC MT is to be kept in a cool place before and during use. It is important to mix the polymer 3 minutes before use. Pour half the contents of the polymer into another clean bucket. Once the liquid polymer has been completely mixed, slowly add a jar of MICRO-TOPPING BC into each of the buckets, mixing for about 2 minutes to remove lumps or dry spots. Once all the materials are properly mixed, apply the mixture in 25 - 30 minutes at temperatures averaging about 20°C. Distribute

the first coat on the surface prepared with a Magic or steel trowel. The material should be shaved up to a maximum thickness of 1.5mm. It is important that the thickness should not exceed the size of the aggregates in the cement mixture. Let the surface dry or mature until it is walked on. If the existing surface is very worn, in order to achieve the best performance of the system, a second application of MICRO-TOPPING BC is recommended. Between each coat the surface must be properly sanded. It is recommended to wear shoes during the cover installation and sanding to avoid soiling the surface. For large floors it is advisable to use a single brush with sandpaper or a grit sandpaper disc. When finished, you should vacuum the dust and wipe the surface with a damp cloth.

#### **Application of DSC Micro-Topping TC (Top coat)**

The polymer liquid is to be kept in a cool place before and during use. It is important to mix the polymer for 3 minutes before use. Put half the polymer contents into another clean bucket. Once the polymer has been completely mixed, slowly add a jar of Micro-topping FC into each of the buckets, mixing for about 2 minutes to remove lumps or dry spots.

Once all materials are properly mixed, apply the mixture in 25 - 30 minutes at temperatures averaging about 20°C. Micro-topping FC should be applied only with a steel trowel. Micro-topping FC is a product specially formulated to finish; because of this, it must be applied in very thin layers. The trowel should be used at 45°, as in the application of Venetian Plaster. After that it is necessary to let the surface dry or mature until it is walked on.

When the Micro-topping is dry, the floor will need to be sanded using between 60 to 200 grit sanding screen rather than paper, in order to remove any burrs. When finished, you should vacuum the dust and wipe the surface with a damp cloth. It is recommended to wear shoes during cover installation and sanding to avoid soiling the surface. A second application of **DSC MICRO-TOPPING FC** is required if you want to get a smoother surface or if you want to create a cloud effect. An appropriate sealer from the **AQUASEAL WB (Semi glossy /Dead Matt)** range can also be applied to give an appropriate finish to the floor / wall

Once the application is completed, leave the surface to thoroughly cure/dry for a period of 8 to 12 hours between applications and for 24 hours before allowing foot traffic

#### **COATING:**

Once the MICRO-TOPPING is cured, the application of a protective sealer or coating is recommended. The type of sealer should be chosen according to the amount of traffic and the environment. A wide range of **AQUASEAL WB** sealers are available for this purpose. These products are applied by short pile rollers, sprayers or wax spreaders. MICRO-TOPPING is outstanding for its attractiveness in addition to its strength and the fact that it is quick and easy to apply, maintain and clean. MICRO-TOPPING is not just a decorative product. It can also be successfully used in an industrial environment. It has excellent resistance to UV rays and to climatic stress, plus high resistance to even intense traffic, making it suitable for protecting horizontal or vertical concrete surfaces exposed to light traffic or the elements.

## **MAINTAINANCE**

DSC Micro-topping floors are considered decorative flooring, so you will have to pay particular attention to their maintenance: Wash the floor with a neutral ph. Do not under any circumstances use corrosive products or Alkaline products like Phenyl, Or any detergent based cleaners

Pot life of mixed material @ 25 Deg cent  
Application temperature

30Minutes  
Minimum 10 to 15 Deg Cent

**Shelf Life:** 1 Year if stored in a sealed container

**Packing:** DSC MT Polymer 20 Ltr Packs, DSC (BC) & (TP) available in 30 Kg bags with liners

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### Disclaimer

The information contained herein is believed to be accurate and is offered in good faith for the guidance of the consumer. We cannot accept any responsibility for errors in, or misinterpretation of the information contained in this brochure. In view of our constant endeavor to improve the quality of our products, we reserve the right to alter or change The specifications without prior notice

### **For Details Contact :**

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