

## **DECOR FINE PLUS** **DECORATIVE COATING** **1-component – PASTY**



### DESCRIPTION

**DECOR FINE PLUS** is a ready-to-use, 1-component, acrylic decorative coating in paste form, suitable for “microcement” type applications on floors and walls. Due to its extra fine aggregate size it provides a very smooth end surface. It is suitable for indoor and outdoor applications. It can be used on existing or

new floors and walls providing a numerous solutions of different shades. It is applied in 1-2 layers on a solid and properly primed substrate. It exhibits very good adhesion strength to the substrate and it is resistant to abrasion, vibrations and contraction-expansions.

### FIELDS OF APPLICATION

Suitable for indoor and outdoor applications, on horizontal or vertical surfaces of concrete, plaster, gypsum boards, cement boards and other substrates after appropriate preparation. It is ideal for special structures

such as benches, beds, washbasins, swimming pools, showers, window boxes, stairs, under floorheating, fireplace (outside), etc. In preserved buildings, hotels, houses restaurants, coffee places and nightclubs.

### ADVANTAGES - CHARACTERISTICS

- Suitable for indoor and outdoor applications, on horizontal and vertical surfaces.
- Extremely smooth surface.
- Wide range of shades.
- Strong adhesion to the substrate.
- Colored from our commercial network.
- Excellent workability.
- Quick application.
- Offers countless decorative styles.
- Certified with CE - according to the European Standard EN 13813.

### SURFACE PREPARATION

The substrate should be levelled, free from loose particles, free of grease and oils. Detached plaster parts should be repaired with **WRM 550**. For application on common substrates such as plaster, concrete, masonry and highly absorbent substrates prime with the **GLX 292 FLEX PRIM**. Non-absorbent substrates such as old

paving, marble, mosaics, etc. should be primed with **GLX 190**. On surfaces that are not perfectly flat and filling is required, it is recommended to apply as a base coat layer the microcement coating **DECOR** or **DECOR SUPERIOR** reinforced with **CLIMAPLUS fiberglass mesh 160 gr/m<sup>2</sup>**.

### APPLICATION

In very demanding applications and substrates that are going to be imposed to heavy loads we recommend prior the application of microcement coating **DECOR** or **DECOR SUPERIOR** before applying **DECOR FINE PLUS**. For application instructions and technical characteristics of microcement coating **DECOR** or **DECOR SUPERIOR** refer to the relevant Technical Data Sheet of the products. Apply **DECOR FINE PLUS** with smooth stainless steel trowel in two layers in

thickness up to 1mm per layer. 48 hours after the application a suitable **THRAKON** protective varnish (depending on application) should be applied for waterproofing the surface. Avoid mixing different batches in the same area (risk of a different shade) and avoid mixing with sand, gypsum, cement, resins or other binders. When the mixture has started to set and it is no workable anymore, it must be rejected.



## FINAL SURFACE PROTECTION

### Priming:

After at least 48 hours from the application of **DÉCOR FINE PLUS** proceed in preparing microcement coating to receive the protective varnish. We must be very careful, especially during the winter months to make sure that the material has dried thoroughly and completely and has remove all moisture from its mass. The rule is to wait 1 day/mm layer thickness. In this step, we apply the **DECOR PRIM** primer, in order to:

1. achieve the stabilization of the microcement surface, but also
2. to avoid deterioration of shade of the surface by the use of protective varnish **DECOR PU VARNISH**.

### Varnish application:

The last stage of the system includes the selection of the final surface protection varnish. The choice should be made depending on the requirements and exposure conditions of microcement coating:

- **DECOR PROTECT**: water-based varnish for interior or exterior walls, walls and floors, where we have no standing water. Applied in 1-2 layers.

- **DECOR PU VARNISH**: 2-component polyurethane varnish for floors and for the most demanding applications. It provides high abrasion resistance to floors. It protects from UV radiation and is suitable for permanent immersion in water (pools, showers, terraces, balconies, etc.). It is applied in 1-2 layers.

\* The moisture of the substrate should be <4% and the ambient humidity <65%. Additional the temperature during the application and curing of the varnish must be from 8°C to 35°C. In cases where we have lower temperatures or rainfall is expected in the next 48 hours, application should be postponed.

## EXPANSION JOINTS

The expansion joints are necessary and we maintain them. We can apply perimeter expansion joints for indoor applications and every 35-40m<sup>2</sup> for outdoor applications. As an overall rule, for interiors, the maximum application surface without expansion joint should not exceed 8 to 10 meters, while outdoors the length should not exceed 6-7 meters. If expansion joints

exist in the substrate they should not be covered by the microcement system, as it may lead to crack formation. This applies to expansion joints indoor and outdoor.

The sealing of the expansion joints of the **DECOR** system can be made with covering profiles or with suitable **THRAKON** sealants (**BACKER ROD**, **ELASTO PU**).

## CONSUMPTION

Approximately 1,5kg/m<sup>2</sup>/mm of layer thickness.

## PACKAGING – STORAGE

In plastic containers 5 and 15kg. They kept stored on wooden pallets in a dry environment at temperatures higher than 0°C for 12 months from the date of production.

## CLEANING TOOLS AND MACHINERY

Microcement application tools: With plenty of water immediately after use. Varnish application tools: Immediately after the use, allow the varnish to drain

inside the can and clean all the tools with hot water and soap. Do not pour the washing liquids on the ground.

*The technical information and guidelines in this brochure relating to the application and end-use of Thrakon's products is based on the Company's current expertise and experience on the products and are given in good faith provided they are properly stored, used and applied in accordance with the guidelines given by Thrakon. Given that we are unable to directly inspect the conditions that prevail at the work site as well as the application of the product, the Company shall not provide any guarantee regarding the suitability of its products for any particular purpose and disclaims any legal responsibility, which is based on written information in this brochure, written or oral or otherwise provided recommendations and guidelines. By applying the product in a small area, users are advised to test the product's suitability for the intended application and purpose. Thrakon reserves the right to amend the properties of its products without prior notice. All orders are accepted only after acceptance of the above and under the Company's respective Trade Policy terms. This version of the technical data sheet automatically cancels any previous version.*

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### HELPFUL TIPS

- Do not apply the product:
  - a) When there is frost forecast for the next 48 hours from the application of the microcement coating.
  - b) On humid conditions (such as rain) and wetted substrates.
  - c) On walls exposed to direct sunlight or on hot substrates.
- The application of the system should be carried out by specialized applicators. The application of the polyurethane varnish **DECOR PU VARNISH** to protect the microcement

coating in areas with permanent presence of water and/or hydrostatic pressure is made in 2 layers.

- The surface on which the system should be applied must be properly prepared (repaired and primed).
- The product is not suitable for surfaces subject to hydrostatic pressure (eg swimming pools, tanks, etc.)

### PRECAUTIONS

Read the information on the label and in the Technical Leaflet of the product before use. Wear suitable protective clothing

and gloves. MSDS of the product are available upon request to the professionals.

TECHNICAL CHARACTERISTICS	UNITS	STANDARD	VALUE
Form			Pasty
Color			White
Application temperature	(°C)		+5 to +35
Application thickness per layer	(mm)		up to 1mm
Density (20°C)	(g/ml)	EN ISO 2811.01-02	1,50 ± 0,05
Adhesion to the substrate	(N/mm <sup>2</sup> )	EN 1542	≥ 3,5
Capillary water absorption coefficient	(kg/m <sup>2</sup> *min <sup>0,5</sup> )	EN 1015-18	≤ 0,8
Consumption	(Kg/m <sup>2</sup> για 1cm)		1,5

**Note:** The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50 % and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorptability of the substrate.