

## I. PRODUCT INFORMATION

### I.1 GENERAL

**Fractalis** is the most innovative answer to any architectural finishing project that requires outstanding aesthetic options, sound technical performances and full environment compliance.

**Fractalis** is a complete line of **water-based designer's finishes** that offer a broad range of decorative options.

**Fractalis** Collections are available in the exact colour, hue and value required for the perfect project.

**Fractalis** custom colours are blended at the point of sale, using universal colorants and conventional dispensing equipment. **Fractalis** is addressed to the design community and used by professional contractors world-wide for fine and exclusive interior decoration of public buildings, institutional, commercial and residential environments.

### I.2 PRODUCT ID

#### COLLECTION

OPUS

#### TINTABLE BASES

OPUS STUKKO (OPS)

OPUS MARMO (OPM)

### I.3 SUPPLIER

#### CREATELAB S.r.l.

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### I.4 LOCAL DISTRIBUTOR

**Fractalis** finishes are available through an **international network of authorised distributors** which presently covers Europe, Federation of Russia, Ukraine, North and South America, Middle & Far East.

Projects outside the franchise network are directly covered by the Supplier.

### I.5 PRODUCT DESCRIPTION

**Opus** Collection comprises of two bases, i.e. *Opus Stukko* and *Opus Marmo*, which produce natural antique stone-look finishes when applied by spatula.

**Opus** Collection can be tinted with universal colorants to develop the hue mix necessary to be "chromatically correct". Typically, these kind of finishes are known as the Italian "Calce" and "Marmorino" finishes.

**Opus Collection meets tightest international regulations on health, occupational safety and environment compliance.**

### I.6 INTENDED USES

**Opus** bases are designer's finishes suitable to finish any properly primed surface. However, the main usage is on walls and architectural components of public, commercial and residential interiors.

### I.7 QUALITY ASSURANCE DATA

<b>SPECIFIC GRAVITY (WATER=1)</b>	<b>Opus Stukko:</b> 1.3 – 1.4 <b>Opus Marmo:</b> 1.65 – 1.70
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<b>SOLIDS % BY WEIGHT</b>	<b>Opus Stukko:</b> 48 – 53 <b>Opus Marmo:</b> 67 – 72
<b>VISCOSITY (BROOKFIELD)</b>	<b>Opus Stukko:</b> > 100.000 cps (25°C) <b>Opus Marmo:</b> > 60.000 cps (25°C)
<b>PH RANGE</b>	10.5 – 13.8
<b>VOC</b>	<b>&lt; 25 gr/L – ASTM 3960-01</b>
<b>BINDER</b>	Blend of synthetic copolymers.
<b>SAFETY INFORMATION</b>	Do not take internally. Keep far from children. Refer to Material Safety Data Sheets for detailed information.
<b>SHELF LIFE</b>	24 months for neutral basis (from date of production, see batch ID), when stored in tightly closed cans at temperature ranging between 5 °C and 40 °C.
<b>PRECAUTIONS</b>	Keep from freezing and prolonged direct sun irradiation. Allow adequate ventilation.

## 1.8 APPLICABLE STANDARDS

<b>APPEARANCE, GLOSS AFTER POLISHING</b>	<b>Opus Stukko:</b> High gloss. <b>Opus Marmo:</b> Semi-gloss. Gloss or semi-gloss, depending on the application technique.
<b>WASHABILITY</b>	Not applicable.
<b>SCRUB RESISTANCE</b>	Not applicable.
<b>FIRE RATING</b>	Certification is not required according to Italian Regulations (DM of 26/06/84 n° 48).

## 2. PROJECT SPECIFICATIONS

### 2.1 INSTALLATION CONDITIONS

- Installation area must be clean and free of dust. Sufficient lighting must be provided.
- Environment and substrate temperatures should be between 10 °C and 40 °C (50 °F – 100 °F). The substrate must be dry to touch.
- Do not apply finishes if moisture content of surface is above 15%.
- Surfaces should be clean, dry and free of dust, dirt, mildew, wax, wallpaper paste, loose paint, soap and any other foreign matter or contaminants.
- For concrete and masonry substrates ensure that they have cured a minimum of 28 days.
- Sand wood surfaces smooth and ferrous materials down to bright metal.
- Mask ceilings, floors, doors, windows and other adjacent surfaces to prevent overpaint.

## 2.2 SUBSTRATE PREPARATION

The substrate shall be prepared according to general criteria for getting the proper foundation for performance and application of conventional top quality water-borne paints. Make good any cracks and imperfections with a suitable plaster type filler. When dry, rub down and dust off to get a smooth surface. For badly damaged surfaces, cross lining may be necessary. **It is strongly recommended** to use the appropriate primer to maximise surface adhesion and sealing properties, which also prevents old stains seeping through the finish

## 2.3 PRIMER REFERENCES

<b>CONCRETE, MASONRY, BRICK, PREVIOUSLY PAINTED SURFACES, PLASTER, GYPSUM BOARD</b>	Latex Block Filler (FOR NEW SUBSTRATES ONLY) + Acrylic or Vinyl Primer.
<b>WOOD, MDF</b>	Sealer, then a specific primer for wood.

## 2.4 PRODUCT PREPARATION

- Choose the preferred colour.
- Tint the product according to Colour Recipes stored in the dispensing machine.
- Mix thoroughly the tinted product with gyroscopic mixer ( 8-10 minutes).
- Use the product 6-8 hours after mixing took place to recover the best viscosity for application.
- Do not add solvents, thinners, reducers, oils or mix with solvent-based colorants or paints.
- Box all material together if different batches or cans are being used on the same job.

## 2.5 APPLICATION EQUIPMENT

Apply the product with a stainless steel trowel.  
Clean the application tool with water only, immediately after use.

## 2.6 APPLICATION GUIDELINES

Final finish may vary from standard Colour Card chips due to the variation of tools, procedures and/or techniques. Always evaluate colour, pattern and mileage on mock-up test area while using specific batch of paint with equipment selected. It is advisable to carry out a number of trial applications before beginning the job. Submit mock-up to architect or finish specifier for approval before beginning.  
The general good practice to achieve the best application results as follows:

### MARMO FINISH

- Load a suitable quantity of product (*Opus Marmo*) on the trowel with a spatula.
- Apply the 1<sup>st</sup> coat of *Fractalis Opus Marmo* by trowel, reaching full coverage of the surface with an homogeneous layer of product.
- Wait until touch dry, approximately 4-6 hours.
- Apply another coat of *Fractalis Opus Marmo*, working the product in a random geometrical pattern with a distribute & remove technique, till the surface is completely smooth. Don't apply too thick layers of product: this will cause ridges in the final effect. Work on small sections.
- Apply with the same technique on neighbouring areas, blending the finish in one single homogeneous pattern till the whole surface has been decorated.
- Now polish the surface with a perfectly clean and dry trowel with diagonal cross hatches strokes till the desired sheen is achieved. Always check sheen against light.

**STUKKO FINISH**

- Load a suitable quantity of product (*Opus Marmo*) on the trowel with a spatula.
- Apply the 1<sup>st</sup> coat of *Fractalis Opus Marmo* by trowel, reaching full coverage of the surface with an homogeneous layer of product.
- Wait until touch dry, approximately 4-6 hours.
- Apply a thin coat of *Fractalis Opus Stukko* by trowel, reaching full coverage of the surface previously applied with *Opus Marmo*.
- Wait 1-2 hours.
- Apply another coat of *Fractalis Opus Stukko*, working the product in a random geometrical pattern with a distribute & remove technique, building on a thick layer.
- After a few minutes, start polishing the surface with a perfectly clean and dry trowel with diagonal cross hatches strokes till the desired sheen is achieved.
- Always check sheen against light and if necessary re-work the less glossy areas. Don't use sand paper to polish the dried finish, as this will creates marks and scratches.
- Gently polish the surface with a wool/cotton cloth. The more you work the product, the more shiny it gets.

**2.7 APPLICATION DATA**

<b>THINNING</b>	Not necessary.
<b>MILEAGE (FINISHING CYCLE)</b>	<b>Opus Stukko:</b> 1.4 ± 30% sqm/lt (48 ± 30% sf/gal) depending on the substrate condition. <b>Opus Marmo:</b> 1.4 ± 30% sqm/lt (48 ± 30% sf/gal) depending on the substrate condition.
<b>DRYING TIME (25°C / 77°F, 50% R.U.)</b>	To-touch: 2 hours To-use: 24 hours Full cure: 7 - 10 days (drying time may vary depending on environmental temperature and humidity).

**2.8 MAINTENANCE AND TOUCH-UP**

Slightly dirty surfaces can be carefully washed with mild neutral cleansers. Avoid using alkaline and/or alcohol and abrasive cleaners. Dirt, grime and stains that cannot be removed by standard maintenance practices as well as damaged areas can be easily touched up according to the following procedure:

- Mask off the area to be repainted.
- If needed lightly sand stained surfaces.
- Patch and prime damaged areas.
- Apply by spatula a thin layer of material and then work it by spatula observing the specific technique required having care to produce an even pattern merging the touched-up are with the surroundings.
- After touch-up remove the mask before paint's drying.
- For dust cleaning maintenance use "cotton-wool".

**2.9 AVAILABILITY AND COST**

**Fractalis** Collections are available through the **Fractalis International Distribution Network** in Europe, Federation of Russia, Ukraine, North and South America, Middle & Far East. Projects outside the Franchisee Network will be covered directly by the Supplier. **Customised colour configurations** are available base on a minimum quantity order. Installation costs will vary depending on Collection, quantity and market area. Generally, based on a six years cycle (accounting for first application and timely maintenance), the overall cost per year of **Fractalis** finishes will be 30-40% more expensive then LATEX paint and 50-60% cheaper then VINYL wallcoverings.

## **2.10 TECHNICAL SERVICES**

Technical assistance on application and maintenance is available from the local **Fractalis Distributor** or directly from Supplier.

### **LIMITED WARRANTY**

*The Supplier warrants that the products supplied will be free of defects and conform with published quality specifications and standards (see QAP). Notwithstanding, they do not exempt the user from employing the product correctly in terms of storage, handling, usage and waste management. In particular, the substrate preparation, application technique and environment conditions of use are beyond the control of Supplier. Therefore, the liability and obligations herewith shall be limited to the replacement of defective merchandise. For any further detail please refer to Sales and Quality Specifications.*