

## 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 worldwide for fine and exclusive interior decoration of public buildings, institutional, commercial and residential environments.

### I.2 PRODUCT ID

#### COLLECTION

ETNO

#### TINTABLE BASES

ETNO (ET)

### 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 CreateLab Srl.

### I.5 PRODUCT DESCRIPTION

**Etno** is a tintable special effect water borne finish (1 base) featuring a unique tactile texture, reminiscent of wengé oriental woods. To convey such tactile feeling of warmth and comfort with the chromatic blending capabilities of **Etno**, try a combination of earthtones with mediterranean clay-coloured accents. **Etno** is a two step application system: apply Fractalis **Suprime** primer and then **Etno** finish following the instructions below.

### I.6 INTENDED USE

**Etno** are effect finishes suitable for decorating any properly primed residential interior surface and architectural elements.

### I.7 QUALITY ASSURANCE DATA

<b>SPECIFIC GRAVITY (WATER=1)</b>	1.50 - 1,60
<b>SOLIDS % BY WEIGHT</b>	62-67
<b>VISCOSITY (BROOKFIELD)</b>	40000 - 60000 cps (25 °C)
<b>PH RANGE</b>	9 – 10
<b>VOC</b>	<b>Max. 50 gr/lt</b>
<b>BINDER</b>	acrylic

<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>	6 months for neutral base (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</b>	< 40 (60°) ASTM D523
<b>STAIN RESISTANCE</b>	Resistant to soap solution, vinegar, mineral spirit, ethyl alcohol (50%), distilled water - ASTM D1308
<b>WASHABILITY</b>	> 5000 cycles – UNI 10560
<b>SCRUB RESISTANCE</b>	System failure: > 450 cycles – ASTM D2486
<b>ADHESION</b>	1.98 MPa - Pull off method
<b>FLEXIBILITY</b>	Elongation 6 % - ASTM D522
<b>FIRE RATING</b>	Certification is not required according to Italian Regulations (DM of 26/06/84 n° 48).

## 2. HOW TO APPLY

### 2.1 APPLICATION 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 using a low adhesive masking tape to prevent overpaint.

### 2.2 SUBSTRATE PREPARATION

The substrate shall be smooth/non porous and 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. Use only the special **Fractalis Suprime** primer as to maximise surface adhesion and sealing properties.

### 2.3 PRIMER REFERENCES

<b>PREVIOUSLY PAINTED SURFACES, PLASTER, GYPSUM BOARD</b>	1 coat of <b>Fractalis Suprime</b> primer (to be applied as it is - white - no matter what colour for the finish is chosen).
<b>Wood, MDF</b>	Sealer + <b>Fractalis Suprime</b> primer

### 2.4 PRODUCT PREPARATION

- Tint the **Etno** base in the preferred colour .
- Stir thoroughly before use for few minutes.
- Mix all material together if different batches or cans are being used on the same job.

- Do not add solvents, thinners, reducers, oils or mix with solvent-based colorants or paints.

## 2.5 APPLICATION EQUIPMENT

The best results are obtained using a stiff bristle paint brush for **Etno** finish application, and the specific **Etno stainless steel polishing spatula**. Clean the application tool with water only, immediately after use.

## 2.6 APPLICATION GUIDELINES

Always evaluate colour, pattern and mileage on mock-up test area while using specific batch of paint with the tool selected. It is advisable to carry out a number of trial applications before beginning the job.

### PHASE I : Priming

1. Stir **Fractalis Supreme** primer thoroughly and pour into a roller tray. Load a dry short pile roller.
2. Work in 1 metre wide sections. Apply the primer in vertical strokes from floor to ceiling, then roll horizontally over the same section without re-loading the roller. Repeat until you have finished one wall. Roll over any joins to minimise lines. Always complete the whole wall before stopping.

Allow primer to dry for a minimum of 8 hours before applying the **Etno** finish.

### PHASE 2 : Finishing

1. Stir product thoroughly.
2. Load the brush with **Etno** and apply to the wall in short, random brush strokes that criss-cross in a diagonal motion. Work in 30 cm sections and work quickly and consistently. As you are constantly brushing into new sections, you should not see any overlap. Stand back from the wall at intervals and check that the brush strokes are consistent in size. Always finish one wall before stopping.
3. For the edges, either brush in the crossways motion to the masking tape edges or 'frame' the effect with a single straight and continuous brush stroke at all edges. Remove masking tape while still wet.
4. Leave to dry for a minimum of 8 hours.
5. Polish the effect using **Etno polishing Spatula** to enhance the texture. The spatula will darken the raised brush strokes and give a tone-on-tone contrasting effect. Take the spatula and with light pressure, use the flat bevelled front edge surface in a "forward and back" surface motion from top to bottom to polish the raised edges. Do not use heavy pressure as you may scratch or otherwise damage the effect.

## 2.7 APPLICATION DATA

<b>THINNING</b>	Not necessary.
<b>MILEAGE – SPREADING RATE</b>	7 sqm/l $\pm$ 10% based on the finish colours chosen and on the porosity of the surfaces, the spreading rates may change.
<b>DRYING TIME (25°C / 77°F, 50% R.U.)</b>	To-touch: 1 – 2 hours To-use: 24 hours Full cure: 3 days (drying time may vary depending on environmental temperature, humidity, type of substrate and film thickness).

## 2.8 MAINTENANCE AND REPAIR

Wait at least 10 days after application before cleaning the decorated surface. Clean **Etno finish** with mild detergents diluted in water on a cotton rug. Avoid using alkaline and/or alcohol/or solvent based detergents. Dirt, grime and stains that cannot be removed by standard maintenance practices as well as damaged areas should be repainted.

## 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 Distributors' Network will be covered directly by the Distributor. **Customised colour configurations** are available on a minimum quantity order. Installation costs will vary depending on Collection, quantity and market area.

## 2.10 TECHNICAL SERVICES

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

## LIMITED WARRANTY

*The Supplier warrants that the products supplied will be free of defects and conform with published Quality Assurance 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 Assurance Specifications.*