

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

SKIN

BASES

SKIN (SK)

I.3 SUPPLIER

CREATELAB S.r.l.

Via Perlasca 20 - 41126 Modena, Italy
Tel. +39 059 281777 – fax +39 059 282034
www.createlab.it - e-mail: info@createlab.it

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

The **Skin** collection is a transparent base, applied over tinted basecoat, featuring a ultramat, soft to the touch effect

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

I.6 INTENDED USES

Skin base is a designer's finish suitable for finishing 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

SPECIFIC GRAVITY (WATER=1)	1.04 +/- 0.05 (25°C)
SOLIDS % BY WEIGHT	40
VISCOSITY (BROOKFIELD)	2.000-5.000 cps (A4 – 20 rpm)
PH RANGE	8,0 – 9,0

VOC	Max 70 gr/lit.
BINDER	Polurethanic
SAFETY INFORMATION	Do not take internally. Keep far from children. Refer to Material Safety Data Sheets for detailed information
SHELF LIFE	12 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.
PRECAUTIONS	Keep from freezing and prolonged direct sun irradiation. Allow adequate ventilation.

1.8 APPLICABLE STANDARDS

APPEARANCE, GLOSS	Opaque / Satin
STAIN RESISTANCE	Resistant to ketchup, soap solution, butter, mineral spirit, ethyl alcohol (50%), motor oil, distilled water - ASTM D1308
WASHABILITY	3850 cycles – UNI 10560
SCRUB RESISTANCE	System failure: > 1055 cycles – ASTM D2486
ADHESION	2.29 mpA (Pull Off Method)
FLEXIBILITY	Elongation 34.1%
FIRE RATING	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 **Fractalis** primer to maximise surface adhesion and sealing properties, which also prevents old stains seeping through the finish

2.3 SUGGESTED PRIMERS

CONCRETE, MASONRY, BRICK, PREVIOUSLY PAINTED SURFACES, PLASTER, GYPSUM BOARD	Water based latex block filler, acrylic water based primer.
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Wood, MDF	Water Based latex block filler, then a specific primer for wood
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2.4 PRODUCT PREPARATION

- The finish is ready to use.
- 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

The product is applied by Fractalis Skin Roller. Clean the application tools with water only, immediately after use.

2.6 APPLICATION GUIDELINES

Final finish may vary from standard Color Card chips due to variation in settings and technique. 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 for achieving the best application results is the following:

- On a correctly primed surface, apply two coats of tinted Fractalis Skin Basecoat by short pile roller. And wait until dry (4-5 hours)
- Apply one coat of Fractalis Skin using Fractalis Skin roller.
- When the first coat of Skin is dry (4-5 hours) apply a second coat with the same technique.

2.7 APPLICATION DATA

THINNING	Not necessary.
MILEAGE – SPREADING RATE	Approx. 6 sqm/l in two coats. Based on basecoat and finish colours chosen, the spreading rates may change; in particular light colours need less product quantity per sqm.
DRYING TIME (25° C / 77° F, 50% HUMIDITY)	4 – 5 Hours

2.8 MAINTENANCE AND TOUCH - UP

Slightly dirty surfaces can be carefully washed with mild neutral cleansers. Avoid using alkaline and/or alcohol 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:

- If needed lightly sand stained surfaces.
 - Patch and prime damaged areas.
 - Using a Fractalis Skin Roller apply **Skin** base over the tinted Skin Basecoat using
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the technique above described. Apply the product sweeping it to merge the touched-up area with the surrounding finish.

2.9 NOTES AND TROUBLESHOOTING

- **Most of the film defects are due to incorrect application.**
- **Base-coat showing:** when insufficient material has been applied (apply a full continuous coat of paint to achieve a solid in-tone background).
- **Colour variation:** it may depend on an improper mileage. A different pattern from approved sample as final result may also be caused by use different product batches on the same job (colour may vary slightly from batch to batch; box together the whole paint to be used for the job before starting application).
- **Roller marks:** Apply a further coat of “Skin” by roller using the same technique as above.

2.10 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 Supplier. **Customised colour configurations** are available 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 than LATEX paint and 50-60% cheaper than VINYL wallcoverings.

2.12 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.