

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

SIDERALIA

TINTABLE BASES

SIDERALIA PEARL(SID)
SIDERALIA GOLD(SID G)

I.3 SUPPLIER

CREATELAB S.r.l.

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I.4 PRODUCT DESCRIPTION

Sideralia is a tintable special effect water borne finish (I base) featuring a unique pearlescent sand effect.. **Sideralia** is a two step application system: apply **Fractalis Treo** Basecoat and then **Sideralia** finish following the instructions below.

I.5 INTENDED USE

FRACTALIS Sideralia collection is a water based acrylic finish for interior walls and **meets tightest international regulations on health, safety and environment impact.**

I.6 QUALITY ASSURANCE DATA

SPECIFIC GRAVITY (WATER=1)	1.35- 1,45 (25°C)
SOLIDS % BY WEIGHT	55 - 60
VISCOSITY (BROOKFIELD)	10.000-20.000 cps (25 °C)
PH RANGE	8 – 9
VOC	Max. 50 g/lt
BINDER	acrylic
SAFETY INFORMATION	Do not take internally. Keep far from children. Refer to Material Safety Data Sheets for detailed information.
SHELF LIFE	24 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.
PRECAUTIONS	Keep from freezing and prolonged direct sun irradiation. Allow adequate ventilation.

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.
- 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 Treo** Basecoat as to maximise surface adhesion and sealing properties.

2.3 PRIMER REFERENCES

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

2.4 PRODUCT PREPARATION

- Tint the **Sideralia** 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 short-pile roller for the **Treo** Basecoat and a synthetic bristle brush for the **Sideralia** finish. 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 : Applying the basecoat

1. Stir **Fractalis Treo** Basecoat thoroughly and pour into a roller tray. Load a dry short pile roller.
2. Apply 1 coat of the **Treo** Basecoat with accurate strokes, trying not to leave evident roller marks.

Allow basecoat to dry for a minimum of 2-4 hours before applying the **Sideralia** finish.

PHASE 2 : Finishing

1. Stir product thoroughly.
2. Load the brush with **Sideralia** and apply to the wall in short, random brush strokes that criss-cross in a diagonal motion. Stand back from the wall at intervals and check that the brush strokes are consistent in size.

Note: If you wish to brush strokes to be visible on the wall, leave the product as you have applied it. Otherwise in case you don't want the brush strokes to be seen, pass over the freshly applied finish with an unloaded brush, holding it almost parallel to the wall.

2.7 APPLICATION DATA

THINNING	Not necessary.
MILEAGE – SPREADING RATE	5 sqm/lt ± 10% based on the finish colours chosen and on the porosity of the surfaces, the spreading rates may change.
DRYING TIME (25° C / 77° F, 50% R.U.)	To-touch: 2 – 4 hours To-use: 24 hours Full cure: 7 - 10 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 **Sideralia 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 Supplier. **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 Supplier.

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.