

**CORTINA K90 ANTIALGA – Thermocaf (anti-alga finishing products)**

Cortina K90 is a trowel effect acrylic wall coating for exterior. It is formulated with top quality acrylic resins and selected quartz aggregates that give the product an excellent resistance to temperature, saltiness, sea alkalinity and weather conditions; its special anti-alga additives ensure over time a perfect maintenance of **Thermocaf System**. It has an excellent anchorage to the substrate and it provides high protective action of the surfaces for a very long time. The product can be applied on various types of substrate, if endowed with good hardness and cohesion.

SPECIFICATIONS

Composition: styrene-acrylic polymers in water dispersion, selected quartz sands, calcium carbonate.

Dried product appearance: matt.

Solid content: 80%±2.

Particle size: 1.8 mm.

Abrasion resistance: excellent.

Weathering resistance: excellent

Strength of adhesion to the substrate: excellent.

Water repellence: excellent.

Average thickness of coating: 1.5-2.0 mm

Ph: 8-8,5.

Application: steel/plastic trowel.

Dilution: ready to use.

Yield: (1 coat) 3 Kg/sq.m. according to the substrate.

Drying time: dried in depth after about 18 hours, depending on the environmental conditions.

UNI EN 15824

Outdoor wall coating based on acrylic binder.

Vapor permeability coefficient: V_1

Water absorption: W_1

Adhesion: ≥ 0.3 MPa

Durability: ≥ 0.3 MPa

Thermal conductivity: ($\lambda_{10,dry}$) 0.83 W/m-K (tab. value; P=50%)

Reaction to fire: Euroclass F

METHOD OF USE

Ensure that the surface is thoroughly dried and aged. If necessary, take measures to reconstruct or consolidate the surface by using specific products. Remove any mold, efflorescence and any old peeling paint by brushing or washing. Remove any deposits of dust, smog or other by brushing. Level any irregularities in the surface and treat holes, cracks, crevices and gaps.

- **New surfaces:** be sure that the plaster is completely seasoned (at least 4-5 weeks). Apply a coat of **Fix Nitro alla Pliolite**. When dry, apply a layer of quartz paint **Microfin Quarz Super** in a similar tone of the finishing and allow to dry. Complete applying one coat of **Cortina K90** with a steel trowel, spreading the product uniformly; during the step of drying, finish the surface with a trowel with very narrow and regular movements.

- **Already painted surface:** remove the old paint with paint remover Express and remove any scraps; eliminate the cracks with stucco, if necessary; then proceed as above.

USEFUL TIPS:

- Store at room temperature.
- Close the container tightly after each use.
- Protect surfaces not to be painted (windows, tiles, glass etc ...).

The technical information contained in this technical sheet are based on our practical experience and laboratory testing and are purely indicative. We offer products and operating systems in perfect correspondence with the highest quality standards, provided that the instructions for use are followed in accordance with the needs and the professional knowledge of utilization. The application of the products takes place outside of our control and therefore is under the sole responsibility of the customer. Our technical department is always at your complete disposal to provide any further information or clarification.



CLIMATIC CONDITIONS

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To avoid compromising the optimal performance of the product, we recommend the application in specific climatic conditions:

- Apply at temperatures between +5 °C and +35 °C;
- Avoid the application on surfaces heated by strong sunlight,
- Avoid application when rain is imminent,
- Avoid application in presence of moisture;
- The painted surface must be kept away from rain and humidity for 48 hours.

Protect from frost.

Packaging: 25 Kg.

Color: white, Allegro color chart, tint on request.

Washing tools: use water immediately after use.

Specification Item

> Protect all surfaces not subject to application of paint.

> Preparation of the surface by manual brushing or washing with high pressure washer machine, depending on the nature and intensity of the dirt. If the surfaces to be treated were covered with organic paints is advisable the total removal of these paintings.

> Application of outdoor wall coating based on acrylic binders **Cortina K90** (Caf) with a finished thickness of about 1.5-2.0 mm, equivalent to an average consumption of 3 Kg/sq.m., applied in one coat with a trowel, after preparing the substrate with a normalizing primer **Fix Nitro alla Pliolite** (Caf) and a coat of quartz water-paint **Microfin Quarz Super** (Caf) in the same tone of the finish.

> All applications must be performed on completely dry surfaces, with the ambient temperature and that of the surfaces to be painted between +5 °C and +35 °C with relative humidity not exceeding 80%. If you ever experience environmental conditions other than those mentioned above, as well as in the presence of wind, dust, smoke, etc ..., the application should not be initiated.

ThermoCaf System,
Product and installation assured by



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