# ClimaTop® Basic

**Acrylic, fiber-reinforced, ready-to-use water-repellent, decorative finishing render in pasty form**

CE EN 15824 | CE EAD 040083-00-0404 | FIREPROOF PROTECTION

- **Fiber reinforced.**
- **High resistance to weather conditions.**
- **Vapour permeable and water repellent.**
- **Color stability.**
- **Excellent dirt pick-up resistance.**
- **Different decorative textures** (depending on the treatment method during application).
- **Can be tinted in hundreds of shades through the KRAFT Inspired Colour System.**

**ClimaTop® Basic** is a decorative, ready-to-use in pasty-form, acrylic fiber-reinforced finishing render. It is vapor permeable and water repellent. It consists of natural granules of suitable graded granulometry, reinforced with PP fibers and additional enhancers.

It is classified as finishing render based on organic binder according to the standard **EN 15824** and as part of certified external thermal insulation system **CLIMAWALL®** by **BIOCLIMA®** according to **EAD 040083-00-0404,** as finishing render.

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## FIELD OF APPLICATION

**ClimaTop® Basic** is used as decorative finishing render of external thermal insulation system **CLIMAWALL®** by **BIOCLIMA®**. Also, as finishing render of increased strength, for outdoor or indoor usage, above the usual building materials: plaster, concrete, cement board, plasterboard, as well as previously painted surfaces that are well anchored to the substrate. Due to its formulation, it resists high summer and low winter temperatures, maintains elasticity and offers a hydrophobic, water-repellent, non-cracking protection film to structural surfaces.

| In accordance to **EN 15824:2017** | |
|---|---|
| Adhesion EN1542 | >0.8 N/mm$^2$ |
| Water Absorption EN1062-3 | <0,5 kg/(m$^2$.h$^{0,5}$) |
| Water vapour permeability EN ISO7783 | 15 - 150 g/(m$^2$.d) |
| Thermal conductivity EN1745 | 0.99 W/m.K |
| Reaction to fire EN13501-1 | A2-s1,d0 |

## TECHNICAL DATA

| | |
|---|---|
| Density ISO2811 | **1,80 g/mL (±0.1) @ 25°C** |
| Viscosity (sp.7/50rpm) ISO 2555 | **30.000mPa.s (±10.000) @25°C** |
| Consistency - Flow Table Haegermann EN1015 | **15,5cm (±1,5) @ 25°C** |
| pH | **9,2 (±0.5)** |

**VOC CONTROL**
Exterior walls of mineral substrate A/c (W/B).
Limit Value: 40g/L.
Maximum content of VOC of the product in a ready to use condition: 29 g/L

| CE 1488 | **Druckfarben Hellas S.A.**<br>**Megaridos Ave., Kallistiri area,**<br>**GR-19300 Aspropyrgos, Greece** |
|---|---|
| **22**<br>DoP No 02.03<br>**ClimaWall® EPS** | |
| **EAD 040083-00-0404**<br>**ETA 21/1047** | |

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## DIRECTIONS FOR USE:

1. **SUBSTRATE - PREPARATION:** To ensure better adhesion, the surface is required to be dry, clean and free of dust, oils, salts, rust, loose paint and residues, swollen paints, etc. The surface should be as flat as possible. Large unevenness and cracks must be repaired using suitable repairing products by **KRAFT PAINTS,** before applying **ClimaTop® Basic**. It is recommended that fresh concrete, stucco, plaster and gypsum surfaces are allowed to dry for at least 4 weeks before applying **ClimaTop® Basic**. Apply a layer of **ClimaTop® Primer** on porous, new surfaces or already painted substrates, and also on cementitious base coat layer of external thermal insulation system **CLIMAWALL®** by **BIOCLIMA®**

2. **MIXING:** The product does not require addition of mixing water. Stir the product before use with a low speed mechanical drill to homogenize.

3. **APPLICATION:** After 24 hours of priming, apply a layer of **ClimaTop® Basic** with a stainless steel spatula and adjust the layer thickness to grain size. Shape the decorative texture by properly treatment using a plastic spatula.

4. **CLEANING OF TOOLS:** Immediately after the application the tools must be cleaned with warm water and soap or a detergent solution. Remove as much material as possible from tools before cleaning.

## IMPORTANT NOTES:

Do not apply at temperatures below 5°C and above 35°C as well as at humidity levels above 65%. Do not apply in case of frost forecast for at least next 24 hours after application. Do not apply in case of impending rain or in direct intense sunlight and wind currents. Surfaces must be protected from the sun, wind and rain with special protective covers.

Surface drying time 1-2 hours at 25°C and relative humidity 50%. Minimum repainting time 24 hours at a temperature of 25°C and relative humidity 50%. Complete drying time 14 days at a temperature of 25°C and relative humidity 50%. Drying times are prolonged at lower temperatures and higher relative humidity. It is recommended to check the adequacy of the amount of material and human resources before the application. When application starts on parts of masonry it is recommended to be completed without interruption to avoid creation of joint lines with darker shade.

In case of cessation of the application, this is recommended to take place at: edges of the wall, near balconies, building joints, architectural elements (eg gutters, architectural details, etc.), so that during the restart of the application the joint lines do not exist at all or be as few as possible.

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## CONSUMPTION:

The consumption of **ClimaTop® Basic** is about 1,8-2,8 kg/m². It depends on the grain size of the product, the type of substrate and also tools, conditions and methods of application.

| Grain Size | Kg/m² |
|---|---|
| K10 - 1,0 mm | 1,8 - 2,0 |
| K15 - 1,5 mm | 2,6 - 2,8 |

## PACKAGING - SHADES:

The product is packaged in 25Kg plastic containers in White Base. It could be tinted with KRAFT Inspired Collection(F-shades) and KRAFT Reflective Collection fandecks.

## STORAGE:

Stored in a dry environment with temperature between 5ºC - 35°C, away from direct sunlight and rain, for maximum 24 months from the date of production. Keep containers tightly closed when not in use.

## HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Read label before use. For further information please consult the Material Safety Data sheet.
**Poison Centre Telephone +30 210 7793 777.**

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DRIVEN BY INNOVATION

**06/2022** THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT **4/4**

**DISCLAIMER:** The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.kraftpaints.gr, as well as after contacting the technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable failures after using the product.

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