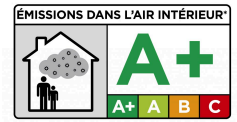




# CARTHAGO EXTRA MATE

## SALES FORMAT

15L, 4L



## DESCRIPTION

A deep matte finish paint offering exceptional application properties. Its outstanding washability ensures that the applied coats retain excellent durability over time. Its formulation incorporates a rheological innovation that reduces splatter.

## SCOPE OF APPLICATION

Interior/Outdoors. For all types of wall surfaces, particularly smooth finishes, to which it lends great beauty thanks to its completely matte, non-reflective appearance. Masonry surfaces. Indoor and outdoors. Highly decorative finishes. General DIY.

## PROPERTIES

- Deep Matte
- Anti-splatter technology
- Excellent reviews
- Excellent washability
- High performance
- Excellent coverage
- Pleasant scent

Contains an **ANTIMOLD** preservative

**Blanco CALIBRADO**

## TECHNICAL DATA

### CLASSIFICATION IN ACCORDANCE WITH UNE-EN 13300

|                                 |   |                                 |
|---------------------------------|---|---------------------------------|
| Finish                          | Deep Matte  | UNE EN 13300                    |
| Gloss 85°                       | < 5   | ISO 2813                        |
| Particle size                   | Fine  | ISO 1524                        |
| Wet abrasion resistance         | Class 1 (<5 microns)  | ISO 11998                       |
| Contrast / Opacity and Coverage | Class 1 (99.5%) for a theoretical coverage of 5.5 m <sup>2</sup> /L and a dry film thickness of 80 microns<br>Class 2 (98%) for a theoretical coverage of 10 m <sup>2</sup> /L and a dry film thickness of 48 microns | ISO 6504-3                      |
| Chemical composition            | Aqueous dispersion of acrylic copolymers, pigments and extenders  |                                 |
| Colour                          | White   |                                 |
| Berger Whiteness                | 90 ± 2  | UNE 48073                       |
| Theoretical coverage            | 10–12 m <sup>2</sup> /L (40 dry microns)  | ISO 23811                       |
| Density                         | 1.63 ± 0.05 g/ml  | ISO 2811-1                      |
| Viscosity                       | 10 ± 5 Pa·s (20 rpm, R6)  | ASTM D 2196-10                  |
| Volume solids                   | 45 ± 2%   | ISO 23811                       |
| Levelling index                 | 4 (+ 10% water)   | UNE 48043                       |
| Resistance to sagging           | 300 ± 25 microns (+10% water)   | ISO 16862                       |
| Fire classification             | A2-s1, d0   | UNE-EN 13501-1 / 5233T24-2      |
| VOC                             | < 5 g/l. Maximum value permitted by the EU: 30 g/L  | 2004/42/II A classification (a) |
| Diluents                        | Tap water   |                                 |
| Dilution                        | 0–10 per cent depending on the application method   |                                 |
| Recoating time                  | 4–6 hours   |                                 |
| Drying time                     | Touch-dry: 15–30 mins / Fully dry: 30 mins – 1 hour<br>Washability: 25–30 days  | UNE 48301                       |
| Cleaning                        | Water   |                                 |

The technical data specified may vary if the material is tinted.

## PREPARATION OF THE SUBSTRATE

### GENERAL INFORMATION

The surface must be sound, dry and free from dust, salts, loose or poorly adhered particles, or any other form of contamination that may affect the adhesion of the system. The strength of the substrate must be checked. Regardless of the substrate to be painted, the appearance must be evened out, and any differences in texture, gloss, absorbency, etc. must be corrected.

### NEW BUILD

Substrate types: rendering mortars, plasterboard, concrete, fibre cement and other building materials. Substrates in normal condition: no prior primer coat is required. Highly porous and/or absorbent substrates: apply a primer coat of TKROM FIJATIVO F4, TKROM FIJATIVO AL AGUA PLIOTEC or TKROM FIJATIVO F10 BLANCO, to prevent excessive absorption during subsequent painting. Smooth, low-absorbent surfaces: apply a primer coat of TKROM FIJATIVO F1. Where the substrate's absorbency is very low, it is recommended to sand the surface to open the pores.

### RESTORATION AND MAINTENANCE

Painted surfaces: any material in poor condition must be completely removed and the areas repaired until a sound, dry and clean substrate is achieved. Aged paintwork: it is advisable to apply a coat of TKROM FIJATIVO F1 primer to strengthen the outer layer by creating a resin mesh that also allows the surface to breathe, reduces absorption and facilitates subsequent painting. Aged, unpainted surfaces: the strength of the substrate must be checked. For powdery, sandy and/or highly absorbent surfaces, apply a coat of TKROM FIJATIVO F4, TKROM FIJATIVO AL AGUA PLIOTEC or TKROM FIJATIVO F10 BLANCO primer to even out and stabilise the substrate. Surfaces with microorganisms: remove mould and/or fungi by wet cleaning, then apply one to two coats of TKROM LIMPIADOR REFORZANTE, allowing 12 hours between coats. If the substrate is severely damaged, it is advisable to apply one coat of TKROM IMPRIMACIÓN SELLADORA-SANEADORA, following the manufacturer's instructions. Surfaces showing efflorescence: remove efflorescence and alkalinity using appropriate treatments, then apply one coat of TKROM FIXATIVE F1 primer.

## APPLICATION SYSTEM

| System   | Product                               | Yield                            | Dilution                                  | Coats  |
|--|---------------------------------------|----------------------------------|---|--------|
| PRIMER<br>(Highly porous substrates, aged unpainted surfaces, substrates with efflorescence)       | TKROM FIJATIVO F4                     | 14–18 m <sup>2</sup> /L per coat | 1:4 water                                 | 1 or 2 |
| PRIMER<br>(Highly porous substrates, aged unpainted surfaces, substrates with efflorescence)       | TKROM FIXATIVE F10 WHITE              | 14–18 m <sup>2</sup> /L per coat | Undiluted                                 | 1 or 2 |
| PRIMING<br>(Highly porous substrates, weathered unpainted surfaces, substrates with efflorescence) | TKROM FIJADOR AL AGUA PLIOTEC         | 10–14 m <sup>2</sup> /L per coat | Undiluted                                 | 1 or 2 |
| PRIMER<br>(Low-absorbency surfaces, aged paints)   | TKROM PENETRATING PRIMER F1           | 14–18 m <sup>2</sup> /L per coat | 1:1 water                                 | 1 or 2 |
| PRIMER<br>(Substrates containing microorganisms)   | TKROM LIMPIADOR REFORZANTE            | N.A.                             | Undiluted                                 | 1 or 2 |
| PRIMER<br>(Substrates containing microorganisms)   | TKROM IMPRIMACIÓN SELLADORA-SANEADORA | 14–18 m <sup>2</sup> /L per coat | Undiluted                                 | 1 or 2 |
| FINISH   | TKROM CARTHAGO EXTRA MATTE            | 10–12 m <sup>2</sup> /L per coat | 0–10% Depending on the application method | 1 or 2 |

The technical data specified may vary if the material is tinted.

## APPLICATION CONDITIONS

|                                   |  |
|-----------------------------------|--|
| <b>Substrate temperature</b>      | Min. +5°C / Max. +35°C   |
| <b>Ambient temperature</b>        | 5°C / 35°C   |
| <b>Substrate Moisture Content</b> | Dry substrate with a moisture content of < 5%. Cement mortars: allow to set completely (minimum 28 days). Cement-based products: allow to dry for at least 4 days before applying the coating. |
| <b>Dew Point</b>                  | The substrate temperature must be at least 3°C above the dew point to reduce the risk of flaking or efflorescence.   |

## APPLICATION RECOMMENDATIONS

|                           |  |
|---------------------------|--|
| <b>Application method</b> | Brush, roller and spray application.   |
| <b>Preparation</b>        | Stir to ensure the product is thoroughly mixed. Adjust the viscosity with water. It is advisable to apply the second coat at right angles to the first coat to achieve optimum opacity.  |
| <b>Maintenance</b>        | 0-10% depending on the application method. A maximum dilution of 5% is recommended for brush or roller application and a maximum dilution of 10% for spray application. It is not recommended to wash the surfaces for at least 28 days after application. |

## APPLICATION RECOMMENDATIONS

|                          |   |
|--------------------------|---|
| <b>Health and safety</b> | For any information regarding safety issues relating to the use, storage, transport and disposal of waste from this product, users should consult the labelling and the latest version of the product's Safety Data Sheet, which contains information on the product's safety, environmental impact and toxicology. LER CODE: 08 01 12. WASTE: NON-HAZARDOUS  |
| <b>Storage</b>           | The product will remain stable in its original, unopened packaging, at ambient temperatures not exceeding 30°C or falling below 5°C, for 24 months from the date of manufacture. The product must be stored in a cool, dry place, in its original, tightly sealed, undamaged packaging, protected from frost and direct sunlight.   |
| <b>Tariff heading</b>    | TARIC code: 3209 10 00  |
| <b>Note</b>              | The technical information contained in this document is provided in good faith, based on laboratory tests and practical experience under normal conditions. However, the data may vary, particularly when the material is tinted or when using intense colours, in which case parameters such as density or solids by volume may be affected without compromising the product's performance. Users are advised to verify the suitability of the product for their specific application and to request the relevant colour safety data sheet from their distributor for reference. |