

Technical data sheet

GRAY STANDARD BASECOAT / EXTERIOR

Stuccos and mortars / 25 kg



ESTUCOS Y MORTEROS

BASECOAT NORMAL GRIS

Color: Gris

25 KG

CONTENIDO NETO

MOR-BCN-GRI-025

LOTE: _____ FECHA: _____



FT / FDS

MASCRO

mascro.com.mx

ARTE PRELIMINAR · SACO

PRELIMINARY DOCUMENTATION

Preliminary information. This is not a final data sheet or an authorized application instruction.

Commercial identity is adapted to MASCRO. Technical data and pending observations from the source document are retained.

Digital information and draft control

GRAY STANDARD BASECOAT / EXTERIOR

Agreed pack size: 25 kg · Color: Gray

SKU: MOR-BCN-GRI-025

Digital information and downloads

Scan to open the product page and view its PDFs and flipbooks.

<https://mascro.com.mx/productos/basecoat-normal-gris/>

Scope of this review

The content was checked against the artboards in the original first- and second-part files. Data carried over from other products were corrected and the commercial pack size was updated. The company name, address, telephone numbers, final formulation and performance validation remain subject to confirmation. The standards cited in the originals are retained for this review.



Characteristics and applications

TECHNICAL CHARACTERISTICS

Mascro Gray Basecoat is a flexible, single-component, low-permeability cementitious coating formulated with hydraulic cements, fine natural sands and modified synthetic resins that provide excellent adhesion, mechanical strength and dimensional stability. Designed as a base layer for thermal insulation systems and finishes on walls, ceilings and facades. Mixed with water, it forms a creamy paste that is easy to trowel and hardens into a uniform surface resistant to cracking and moisture penetration. It meets the adhesion, flexibility and breathability requirements for exterior coating mortars. Its technology enables uniform drying and a texture suitable for paint or final finishes.

APPLICATIONS

Recommended as a flexible base coating over block, concrete masonry and concrete walls and ceilings, indoors and outdoors. Suitable for thermal insulation systems (EIFS and DEFS), bonding polystyrene or fiber-cement panels, and leveling surfaces before the final finish. Also used to treat mesh-reinforced panel joints, shape corners and conceal plastic accessories. Do not apply to frozen or icy surfaces or below +5 °C. Avoid direct rain exposure during curing. Not recommended as an exposed final finish; protect with Mascro paint or coating. Its flexibility and low permeability suit facades, moisture-exposed walls and lightweight construction.

Procedure and identification

Substrate preparation: the substrate must be sound, clean and free of dust, oil, paint or residue. In hot, dry conditions, dampen without leaving standing water to slow drying and prevent cracking.

Mix preparation: in a clean container, add 20% to 22% water per 25 kg bag. Slowly add the powder and mix with a low-speed drill (300 rpm) until uniform and creamy. Allow to rest for 5 minutes and remix without adding water. The mix remains workable for 2 hours.

Application: first fill joints or irregularities with a layer less than 1 mm thick. Once dry, apply a uniform 2 to 3 mm layer of Gray Basecoat with a metal trowel. For insulation systems, embed mesh in the fresh first layer and apply a second layer to fully cover it. Allow to dry for 24 hours before the final finish. Work in continuous sections to avoid marks or joints. Do not apply in direct sunlight, strong wind or when rain is expected.

Curing and cleaning: protect from rain and direct sunlight for the first 24 hours. Clean tools with water before the material hardens. **Consumption:** 1.2 kg/m² per mm of thickness. **Storage:** 12 months in unopened original packaging in a dry, ventilated location.

Property	Characteristic value
Consistency	Granular powder
Color	Light gray
Bulk density	1.450 kg/m ³
Solids content	100%

CT-C25-F5 (polymer-modified cementitious base mortar)

ISO classification	with polymers)
VOC emissions	0.0 g/L
Product shelf life	12 months in unopened packaging
Pack size	25 kg bags
Storage	Dry, ventilated location protected from direct sunlight

Technical data

Condition / Property	Value
Mixing ratio	100 parts powder with 20% to 22% water
Mix density	1.750 kg/m ³
Mix pH	12
Consistency	Creamy paste
Application temperature	+5 °C to +35 °C
Application thickness	1-3 mm per layer
Working time	Approximately 60 minutes
Touch dry	3 - 4 hours
Time between coats	At least 12 hours
Foot traffic	24 hours
Compressive strength (28 days)	≥ 25 N/mm ²
Flexural strength (28 days)	≥ 5 N/mm ²
Substrate adhesion (28 days)	≥ 1.0 N/mm ²
Linear shrinkage	< 0.05 %
Service temperature range	-20 °C to +80 °C
Compatibility with reinforcing mesh	Excellent
Alkali resistance	High
Solvent resistance	High