

Technical data sheet

GRAY CONCRETE SURFACE SMOOTHING MORTAR / INTERIOR - EXTERIOR

Stuccos and mortars / 25 kg



ESTUCOS Y MORTEROS

**MORTERO DE ALIZADO DE
SUPERFICIES DE CONCRETO GRIS**

Color: Gris

25 KG

CONTENIDO NETO

MOR-ALI-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 CONCRETE SURFACE SMOOTHING MORTAR / INTERIOR - EXTERIOR

Agreed pack size: 25 kg · Color: Gray

SKU: MOR-ALI-GRI-025

Digital information and downloads

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

<https://mascro.com.mx/productos/mortero-de-alizado-de-superficies-de-concreto-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

Ultrafine cementitious mortar modified with acrylic polymers, designed to repair and smooth concrete surfaces, precast units or structural elements before the final finish. It provides high adhesion, excellent workability and rapid drying. It forms a smooth, pore-free, high-strength surface for a uniform, attractive finish. It can be applied in very thin layers without cracking or detachment, providing a sound, durable base.

APPLICATIONS

Recommended for patching and smoothing walls, columns, ceilings, precast units and cast-in-place concrete elements. Suitable for correcting imperfections, voids and texture differences before sealing, painting or waterproofing. It can be used indoors or outdoors on concrete, mortar or render. Do not apply to structurally unstable surfaces or in areas subject to permanent immersion or constant moisture.

Procedure and identification

Substrate preparation: the surface must be clean, sound and free of dust, grease, paint and loose residue. Remove deteriorated areas and repair first. Slightly dampen very hot or dry surfaces before application. Do not apply to substrates with rising damp or standing water.

Mix preparation: add 33% to 36% clean water per 25 kg bag. Gradually add the powder while mixing with a low-speed drill (300 rpm) until uniform, creamy and lump-free. Allow to rest for 5 minutes and remix before application. Do not add more water once application has begun. Maintain the mixing ratio to ensure uniform color and strength.

Product application: use a metal trowel or spatula to spread a thin 1 to 3 mm layer. For greater thicknesses, apply two layers, allowing the first to dry for 3–4 hours before the second. During hardening, smooth with a trowel or damp sponge.

Curing: protect the applied area from rapid drying for the first 12 hours. In hot or windy conditions, cover with plastic or mist with water to prevent shrinkage cracking.

Consumption: approximately 1.4 kg/m² per mm of thickness. **Working time:** 10–20 minutes at 23 °C. **Application temperature:** +5 °C to +35 °C. **Available color:** Gray. **Pack size:** 25 kg bag. **Storage:** up to 12 months in unopened original packaging in a dry, ventilated location.

Property	Characteristic value
Consistency	Fine powder
Color	Gray
Bulk density	0.900 kg/m ³
Solids content	100%
ISO classification	OC-CSIII-W2 (fine cementitious finishing mortar)
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 33% to 36% water
Mix density	1.200 kg/m ³
Mix pH	12
Consistency	Fine plastic paste
Application temperature	+5 °C to +35 °C
Application thickness	1-3 mm per layer
Working time	Approximately 20 minutes
Touch dry	2 – 4 hours
Time between coats	12 – 24 hours
Full curing	7 days
Compressive strength (28 days)	≥ 13.8 N/mm ²
Flexural strength (28 days)	
Substrate adhesion (28 days)	
Capillary water absorption	
Water vapor permeability	
Service temperature range	
Alkali resistance	High
Compatibility with paints and stuccos	Excellent