

Technical data sheet

GRAY MEDIUM-STRENGTH LEVELING SCREED / INTERIOR - EXTERIOR

Leveling and self-leveling mortars / 20 kg

**N**

NIVELANTES Y AUTONIVELANTES

**NIVELANTE RECRECIDO
RESISTENCIA MEDIA GRIS**

Color: Gris

20 KG

CONTENIDO NETO

NIV-NRM-GRI-020

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 MEDIUM-STRENGTH LEVELING SCREED / INTERIOR - EXTERIOR

Agreed pack size: 20 kg · Color: Gray

SKU: NIV-NRM-GRI-020

Digital information and downloads

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

<https://mascro.com.mx/productos/nivelante-recrecido-resistencia-media-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

Premixed cementitious self-leveling mortar with controlled setting and medium strength, formulated with modified cements, fine aggregates and additives that provide excellent flow, adhesion and low shrinkage. Designed to level interior floors before installing light or medium-duty finishes. Its creamy consistency allows easy manual or mechanical application, producing flat, dense, uniform surfaces ready for finishes.

APPLICATIONS

Recommended for leveling interior floors in homes, offices, retail premises and pedestrian areas. Suitable for correcting surface irregularities, unevenness or porosity in concrete slabs or cementitious mortars. It can be applied at 3 to 30 mm per layer. Not recommended outdoors or in areas with constant moisture or heavy industrial traffic. Compatible with ceramic, vinyl, laminate, carpet and wood finishes.

Procedure and identification

Substrate preparation: ensure the substrate is sound, clean and free of dust, oil, paint or gypsum. Where rising damp is present, install a vapor barrier. Bonded screeds (10 to 40 mm) require dry, rough substrates; floating screeds (35 to 60 mm) require a vapor-permeable separating layer, such as polyethylene or geotextile. Install isolation material (cardboard, polystyrene or cork) at perimeters and around columns to accommodate thermal movement.

Mix preparation: mix one 20 kg bag with 16% - 17% water using a planetary mixer, centrifugal mixer or automatic pressure pump. Do not change the water quantity, as this alters properties. Mix for 5 to 10 minutes to obtain a compact, semi-dry consistency without bleeding. Do not add water once setting has begun.

Application: spread with a shovel or trowel and compact firmly with a metal straightedge. Level using guides or screed rails and finish with a trowel or float. In areas containing services, reinforce with light metal mesh to prevent cracking.

Curing and times: at +23 °C and 50 % RH: • Foot traffic: 24 hours • Ceramic installation: 48 hours • Natural stone installation: 48 hours • Parquet or vinyl installation: 4 days. Protect from sunlight and wind for the first 24 hours.

Consumption: 18-20 kg/m² per cm of thickness. Storage: 12 months in a dry location protected from moisture. Pack size: 20 kg bags.

Property	Characteristic value
Consistency	Fine premixed powder
Color	Light gray
Bulk density	1.850 kg/m ³
Solids content	100%

CT-C25-F6 (medium-strength self-leveling mortar

ISO classification	medium strength)
VOC emissions	0.0 g/L
Product shelf life	12 months in unopened packaging
Pack size	20 kg bags
Storage	Dry, shaded location, stored on pallets

Technical data

Condition / Property	Value
Mixing ratio	100 parts powder with 16% to 17% water
Mix density	2.000 kg/m ³
Mix pH	12
Consistency	Paste-like
Application temperature	+5 °C to +35 °C
Application thickness	3-30 mm per layer
Working time	30 – 40 minutes
Touch dry	2 – 4 hours
Foot traffic	6 – 8 hours
Ready for floor covering	24-48 hours (depending on thickness)
Compressive strength (28 days)	≥ 20 N/mm ²
Flexural strength (28 days)	≥ 5 N/mm ²
Substrate adhesion (28 days)	≥ 1.5 N/mm ²
Linear shrinkage (28 days)	< 0.05 %
Service temperature range	-20 °C to +80 °C
Underfloor heating compatibility	Excellent
Alkali resistance	High
Solvent resistance	High