

## Technical data sheet

# WHITE LARGE-FORMAT FLOOR TILE ADHESIVE / INTERIOR - EXTERIOR

Adhesives / 20 kg

**A**

ADHESIVOS

**ADHESIVO GRANDES FORMATOS EN  
PISO BLANCO**

Color: Blanco

**20 KG**

CONTENIDO NETO

ADH-GFP-BLA-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

### WHITE LARGE-FORMAT FLOOR TILE ADHESIVE / INTERIOR - EXTERIOR

**Agreed pack size: 20 kg · Color: White**

SKU: ADH-GFP-BLA-020

## Digital information and downloads

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

<https://mascro.com.mx/productos/adhesivo-grandes-formatos-piso-blanco/>

## 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.

The original specifies 28–30 % water in the graphic and 4.4–4.8 L per 20 kg (22–24 %) in the table. The mixing dosage remains to be reconciled.



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## Characteristics and applications

### TECHNICAL CHARACTERISTICS

Polymer-modified cementitious adhesive with high adhesion and excellent moisture retention, specially formulated for large, heavy tiles. Its thixotropic consistency prevents slipping and allows uniform application at varying thicknesses. It provides excellent workability, long open time and superior mechanical strength for demanding, heavy-traffic environments. It meets international performance and low volatile organic compound emission standards, ensuring maximum safety and durability.

### APPLICATIONS

Designed for porcelain, large-format tiles, stable natural stone, granite and marble on interior or exterior floors. Suitable for commercial, residential and heavy-traffic areas requiring precise leveling and high load capacity. Suitable for cured concrete, cementitious mortars, structural panels or sound, clean existing flooring. It can also be used in areas with thermal variations, underfloor heating and wet areas, providing a strong, durable bond.

### Standards referenced in the original

ISO 13007-1 · ANSI A118 · NMX-C-420-1-ONNCCE-2017. References awaiting validation for the official version.

## Procedure and identification

Check that the substrate is structurally stable, dry, clean and free of dust, grease, oil, paint or loose material. Cementitious substrates must be cured for at least 28 days. In hot climates or on sun-exposed surfaces, dampen the base slightly before application. For gypsum or anhydrite renders, ensure moisture does not exceed 0.5 % and apply acrylic primer diluted 1:1 with water.

Mix with clean water using a low-speed drill (300 rpm) until a creamy, uniform, lump-free paste is obtained. Allow to rest for 5 minutes and remix before application. Use the water percentage shown on the packaging. The mix remains workable for 4 hours, depending on ambient temperature.

Apply with a notched trowel sized for the tile. Spread a uniform layer with the flat side, then immediately form ridges with the notched side. Cover only an area that can be tiled before a skin forms. For tiles larger than 60×60 cm, double bonding (on the wall and back of the tile) is recommended. Press firmly and slide perpendicular to the trowel lines to ensure full contact.

Avoid application in direct sunlight or dry wind. Open time is approximately 30 minutes and adjustment time is 60 minutes. Do not rehydrate the mix once the reaction has begun. Grouting may begin after 4 to 8 hours on walls and after 24 hours on floors. Protect the installation from rain, traffic and frost for the first 24 hours.

| Property            | Characteristic value                       |
|---------------------|--------------------------------------------|
| Consistency         | Powder                                     |
| Color               | White                                      |
| Bulk density        | 1.400 kg/m <sup>3</sup>                    |
| Solids content      | 100%                                       |
| ISO classification  | C2TE (improved cementitious adhesive, time |
| ANSI classification | A118.4 / A118.11                           |
| VOC emissions       | 0.0 g/L – EMICODE EC1 Plus                 |
| Product shelf life  | 12 months in unopened packaging            |
| Pack size           | 20 kg bags                                 |
| Storage             | Dry, ventilated, shaded location           |

## Technical data

| Condition / Property               | Value                              |
|------------------------------------|------------------------------------|
| Mixing ratio                       | 20 kg product with 4.4–4.8 L water |
| Mix density                        | 1.450 kg/m <sup>3</sup>            |
| Mix pH                             | 13                                 |
| Consistency                        | Creamy paste                       |
| Application temperature            | +4 °C to +35 °C                    |
| Open time (ISO 13007-1)            | 30 minutes                         |
| Adjustment time                    | Approximately 60 minutes           |
| Pot life                           | > 2 hours                          |
| Wall joint grouting                | 4–8 hours                          |
| Floor joint grouting               | 24 hours                           |
| Ready for foot traffic             | 24 hours                           |
| Ready for full service             | 14 days                            |
| Service temperature range          | –30 °C to +90 °C                   |
| Alkali resistance                  | Excellent                          |
| Solvent resistance                 | Excellent                          |
| Resistance to oils (non-vegetable) | Excellent                          |
| Initial adhesion (28 days)         | ≥ 1.2 N/mm <sup>2</sup>            |
| Adhesion after water immersion     | ≥ 1.0 N/mm <sup>2</sup>            |
| Adhesion after heat exposure       | ≥ 1.0 N/mm <sup>2</sup>            |
| Adhesion after freeze/thaw cycling | ≥ 1.3 N/mm <sup>2</sup>            |