

Technical data sheet

WHITE MAXIMUM-ADHESION ADHESIVE FOR THIN ULTRA-LARGE WALL TILES / INTERIOR - EXTERIOR

Adhesives / 20 kg

**A**

ADHESIVOS

**ADHESIVO ULTRA GRANDES
FORMATOS DELGADOS EN MURO
BLANCO**

Color: Blanco

20 KG

CONTENIDO NETO

ADH-UGF-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 MAXIMUM-ADHESION ADHESIVE FOR THIN ULTRA-LARGE WALL TILES / INTERIOR - EXTERIOR

Agreed pack size: 20 kg · Color: White

SKU: ADH-UGF-BLA-020

Digital information and downloads

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

<https://mascro.com.mx/productos/adhesivo-ultra-grandes-formatos-delgados-muro-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.

Two-component system: powder A and latex B. The original gives a powder-to-latex ratio of 4:1 and also includes water-mixing instructions; the final ratio and the specific SDS for latex B remain pending. Conflicting references to mixing with water are identified as historical information requiring review.



Characteristics and applications

TECHNICAL CHARACTERISTICS

Two-component cementitious adhesive with acrylic resin, designed for professional installation of large and ultra-large tiles on walls and floors. Combining the base powder with the liquid additive produces a flexible paste with very high adhesion, able to withstand deformation, vibration and stresses caused by tile weight and expansion. Its special formulation prevents detachment or vertical slip, providing a strong, durable and stable bond for high-performance interior and exterior finishes.

APPLICATIONS

Recommended for large and ultra-large ceramic and porcelain tiles, marble and natural stone on walls and floors, particularly facades and vertical surfaces. Suitable for thin or low-absorption tiles, achieving complete adhesion without displacement. Suitable for cured concrete, cementitious mortars, fiber-cement boards, gypsum plasterboard or thermal insulation systems. It can be applied in areas exposed to sunlight, moisture or thermal changes, providing a high-strength bond even under heavy traffic or slight structural movement.

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

The substrate must be structurally sound, flat, dry and free of dust, grease, oil, paint or loose material. Cementitious substrates must be fully cured (at least 28 days). In hot climates or on sun-exposed surfaces, slight dampening before application is recommended. Gypsum or anhydrite renders must be completely dry (moisture $\leq 0.5\%$) and sealed with acrylic primer diluted 1:1 with water to improve adhesion.

A+B system preparation: combine component A powder with component B latex. The final ratio and mixing method await validation. The historical water-mixing instruction has been removed because it does not apply to the two-component system.

Apply with a notched trowel, covering only an area that can be tiled before a surface skin forms. At least 85 % contact coverage is recommended on interior floors and 100 % outdoors or in heavy-traffic areas. For optimum adhesion, apply a thin layer with the flat side of the trowel, followed by a second layer with the notched side. Press and slide tiles slightly to ensure full contact. Do not add water to hardened material or use a mix that has lost workability.

Open time is approximately 20 minutes at 23 °C and may decrease in hot or windy conditions. Final tile adjustments must be made within 60 minutes of placement. Remove excess adhesive from joints before setting. Protect newly installed surfaces from rain and traffic for at least 24 hours. Extend this period in cold or humid conditions.

Grouting may begin after 4 to 8 hours on walls and after 24 hours on floors, using cementitious or epoxy products as required by the project. Structural and expansion joints must be retained and sealed with suitable elastic materials. Do not fill these joints with rigid mortar.

Property	Characteristic value
Consistency	Powder + liquid (two-component system)
Color	White
Bulk density of component A	1.300 kg/m ³
Density of component B (acrylic latex)	1.010 kg/L
Mixing ratio	4:1 powder:latex (to be confirmed)
ISO classification	C2ES2 (improved cementitious adhesive, flexible and
ANSI classification	A118.4 / A118.11

Procedure and identification (continued)

VOC emissions	0.0 g/L – EMICODE EC1 Plus
Product shelf life	12 months (component A), 24 months
Pack size	Component A: 20 kg bag / Component B:

Technical data

Condition / Property	Value
Mixing ratio	Component B; ratio to be confirmed
Mix density	1.450 kg/m ³
Mix pH	13
Consistency	Creamy paste
Application temperature	+5 °C to +35 °C
Open time (ISO 13007-1)	20 minutes
Adjustment time	Approximately 60 minutes
Pot life	8 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 ²
Adhesion after water immersion	≥ 1.0 N/mm ²
Adhesion after heat exposure	≥ 1.0 N/mm ²
Adhesion after freeze/thaw cycling	≥ 1.3 N/mm ²