



LATIRENDER 07

DS-65325-0922

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

LATIRENDER 07

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

LATIRENDER 07 is a multi-purpose mortar formulated to be used as a smoothing/levelling compound or as an adhesive for installation of exterior insulation board systems. It is composed of cement, fine aggregates (0.7 mm or less), synthetic resins, and special additives.

When used as a levelling compound, LATIRENDER 07 can be applied in thicknesses between 5-10 mm and creates a flat stable substrate for the installation of various finishes, including paint, waterproofing and stucco. It can be installed over various kinds of wall panels and concrete substrates.

LATIRENDER 07 can be also used to easily and rapidly install wall boards or panels used as part of exterior thermal insulation systems.

Uses

- As an adhesive and smoothing compound to install exterior insulation board systems. Suitable for

insulation panels made of extruded or expanded polystyrene, polyurethane, mineral (rock wood and glass wood), synthetic and wood fibers

- As a levelling compound in thicknesses between 5-10 mm (when used as levelling compound, use with AQUA BARRIER NET fiber glass mesh)

Advantages

- Easy to use — highly workable thixotropic, creamy paste with minimal slip
- Fine grain size (0.7 mm or less) — creates a smooth, consistent finish
- Pre-mixed and ready to use — just mix with water
- Nonflammable
- Creates a flat stable substrate for the installation of various finishes — paint, waterproofing, stucco, etc.
- Can be applied manually or mechanically
- High compressive strength: > 6 N/mm²
- White version is fiber-reinforced

Suitable Substrates

- CMU
- Concrete
- Cement Plaster/Render
- Masonry

Packaging

Grey or White

25 kg per bag; 60 bags per pallet

Approximate Coverage / Consumption

- **Adhesive (for Application of Panels):** ~3 kg/m²
- **Levelling Compound:** ~1.4 kg/m² per mm thickness

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area. High humidity will reduce the shelf life of bagged product.

Limitations

- Due to its formulation, LATIRENDER 07 must be protected from water and frost until it is completely hardened; this may take several days with unfavorable weather conditions.

Cautions

Consult SDS for more safety information.

- If mortar is starting to dry or harden, do not temper with water as it can affect final performance.
- Contains cement which has a reaction to alkalis if in contact with humidity.
- Protect from contact or exposure to skin and eyes. In case of contact, wash thoroughly with clean, fresh water. In case of eye contact, contact doctor immediately.

4. TECHNICAL DATA



VOC/LEED Product Information

- Emission dans l'air interieur: A+

Applicable Standard

- EN 998-1, GP-CSIV-W2
- ISO 9001:2015 Quality Management System

Physical Properties

EN 998-1 Classification:	GP-CSIV-W2
Basis:	Cement, aggregates, additives
Color:	White / grey
Maximum Grain Size:	0,7 mm
Compressive Strength:	> 6 N/mm ²
Flexural Strength:	> 3 N/mm ²
Adhesive Bond Strength:	> 0,5 N/mm ²
Permeability to Water Vapour (EN 12086)	< 20
Water Absorption:	< 0,2 Kg/m ² min0,5
Thermal conductivity λ (EN 12664):	0,47 W/mK
Density of Cured/Hardened Mortar:	1,45 kg/dm ³
Temperature Resistance:	-30°C to +90°C

Working Properties

Mix Ratio:	24-27 % 6-6,75 lt of water per 25 kg bag
Consistency:	Creamy
Apparent Density of Dry Powder:	1,35 kg/dm ³
Wet Density:	1,70 kg/dm ³
Flammability:	No
Minimum Thickness for Levelling:	5 mm
Application Temperature:	+5°C to +35°C
Working Time:	2 hours
Final Hardening:	7 days

(at +23°C, 50% RH)

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field

performance will depend on installation methods and site conditions.

5. INSTALLATION

Surface Preparation

All surfaces should be between 5°C and + 35° C and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds. Gypsum, anhydrite, or particularly absorbent substrates should be treated with a primer such as PRIMER PLUS or PRIMER SUPERIOR.

Mixing

Use 6 - 6.75 litres of water per 25 kg bag of LATIRENDER 07. Pour water into a clean mixing bucket, then add powder and mix by hand or with a low-speed mixer to obtain a homogeneous, lump-free smoothing mortar. Allow the mortar to slake for 2 minutes, then remix briefly before application. Only mix as much product that can be used during pot life (2 hours).

Application as Adhesive & Smoothing Compound for Panels

Use a 10 mm - 15 mm notched trowel and apply mortar material to the back of panels in a consistent, continuous layer. Be sure to comb the mortar in the same direction. Install boards in preferred location by aligning and butting boards together, without leaving adhesive between joints. Always fix boards with anchors suitable for the substrate.

After panels are installed, smooth and level the panels with LATIRENDER 07. Use the flat side of a trowel to apply the mortar to the panels, pressing firmly to work it into the surface. Be sure to use a suitable fiberglass mesh within the render, such as AQUA BARRIER NET, and overlap the mesh by at least 10 cm when joining different pieces.

Application as Smoothing Compound

Apply blended mortar onto the prepared substrate. Distribute evenly and press into the substrate, then smooth using a suitable tool (i.e. trowel, lath) while pressing into the substrate, between 5 and 10 mm in thickness.

6. AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Europe S.r.l. a socio unico:

+39 059 535540

info@laticreteurope.com

For on-line distributor information, visit www.laticrete.eu.

Cost

Contact LATICRETE Europe S.r.l. a socio unico to obtain complete information and cost.

7. WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year. Contact Technical Services for further information. See 10. FILING SYSTEM:

- DS 230.13EU: 1 Year Product Warranty

8. MAINTENANCE

LATICRETE® and LATAPOXY® are products of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending of the cleaning products used.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling or emailing the Technical Service Hotline:

+39 059 535540

technicalservices@laticreteeurope.com

Technical and Safety Literature

To obtain technical and safety literature, please visit our website at www.laticrete.eu.

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® is unable to directly control the installation methods and conditions of products and does not assume any liability arising from their implementation. Those who want to use LATICRETE® products should conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

LATICRETE® products are covered by a warranty within the limits of what is established by our general conditions of sale and within the limits of correspondence related to technical specifications and applicable certifications, as expressly indicated in the product data sheets, documentation, or applicable technical documentation.

10. FILING SYSTEM

Additional product information is available on our website at laticrete.eu. The following is a list of related documents:

- DS 230.13EU: 1 Year Product Warranty
- DS 753: AQUA BARRIER NET Product Data Sheet