



2261 FLUID FAST

DS-36637-1120

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

2261 FLUID FAST

2. MANUFACTURER

LATICRETE EUROPE S.r.l.

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3. PRODUCT DESCRIPTION

2261 FLUID FAST is a special cement-based screed mortar with fluid consistency and controlled shrinkage. It is used for quick drying screeds, suitable for use in interior civil and commercial applications.

Uses

- For interior use only
- Suitable as a substrate under ceramic tile, stone, parquet, and resilient materials
- Floating and bonded screeds from 0.8 cm to 8 cm thick
- Suitable for heated screeds from 3 to 8 cm
- Ideal for renovations and historic retrofits with site constraints
- For areas subject to heavy traffic

Advantages

- Single component and premixed – just mix with water
- Extended working time – 45 minutes
- Controlled crack shrinkage

- Quick drying – walkable after 3 hours, installation of tile or stone after 24 hours
- Safe, non-flammable
- Easy to use, fluid and pumpable
- Does not require reinforcement mesh
- Low VOC emissions – better indoor air quality

Suitable Substrates

- Concrete
- Cement Mortar

Packaging

25 kg bag

Coverage / Consumption

16 - 17 kg/m² per 1 cm 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 with no direct sunlight exposure.

Limitations

- Only use for the indicated uses.
- DO NOT mix with other binders.
- DO NOT apply product in direct sunlight during the summer.
- During the winter, protect the work from freezing until completely hardened.
- DO NOT use product on damp or wet substrates.
- In industrial applications and when using product 3.5 cm or more in thickness, we recommend using an electro-welded mesh and expansion joints where necessary.
- Surfaces must be structurally sound, stable, and rigid enough to support the concentrated loads expected from installation.
- Provide adequate ventilation and protect areas from direct sunlight to ensure uniform drying during the initial few hours after application.
- During low temperatures (<5°C), protect area after application until it is completely dry before walking on it.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not designed as replacements for waterproof membranes. When a

waterproof barrier is required, use a LATICRETE® Waterproofing Membrane.

Cautions

Consult SDS for more safety information.

- Contains cement. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Keep out of reach of children.

4. TECHNICAL DATA



VOC/LEED Product Information

- GEV EMICODE EC1 Plus
- ÉMISSIONS DANS L'AIR INTÉRIEUR: A+

Applicable Standard

- EN13813 CT C40 F7 A1 fl
- ISO 9001:2015 Quality Management System

Physical Properties

Classification EN 13813:	CT C40 F7
Reaction to Fire:	A1 _{fl}
Basis:	cement, aggregates, additives
Colour:	grey
Apparent Density:	~1500 kg/m ³
Maximum Grain Size:	4 mm
Density at 28 days:	~1800 kg/m ³
Compressive Strength (24 hours):	15 N/mm ²
Compressive Strength (7 days):	30 N/mm ²
Compressive Strength (28 days):	40 N/mm ²
Flexural Strength (28 days):	7 N/mm ²
Shrinkage:	0,5 mm/m
Thermal conductivity λ (EN 12664):	1.39 W/mK
Temperature Resistance:	- 30°C + 90°C

Working Properties

Consistency:	fluid
Wet Density:	1900 kg/m ³
Application Temperature:	From +5°C to +35°C
Working Time:	~45 minutes
Maximum Thickness:	8 cm
Time to Foot Traffic:	~ 3 hours
Time to Tile Install:	> 24 hours*
Time to Marble/Stone Install:	> 3 days**
Time to Install of Wood & Resilient Materials:	> 7 days***
Final Hardening:	14 days

(at 23°C / 50% relative humidity, 5-6 cm thick screed, ventilated environment)

*subject to residual moisture check <6%

**subject to residual moisture check <3%

***subject to residual moisture check <2%

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

Bonded Screeds

2261 FLUID FAST can be applied as a bonded or anchored screed in a minimum thickness of 3 cm over cement-based substrates. All substrates must be dry and free of dirt, oil, grease, paint, concrete sealers or curing compounds. Surfaces must be structurally sound, stable, and rigid enough to support the concentrated loads expected from installation.

- **To bond the screed to absorbent substrates**, apply a slurry bond coat using 254 PLATINUM or 4237 LATEX ADDITIVE mixed with cement (1:1 ratio of latex and cement).
- **To bond the screed to non-absorbent substrates such as steel**, apply a slurry bond coat using 8510 BONDING ADMIX mixed with cement (1:1 ratio of latex and cement).

Floating Screeds

2261 FLUID FAST can be applied as a floating screed in a minimum thickness of 4 cm. Place polyethylene plastic sheeting over the substrate and overlap edges by 30cm. Using duct tape, tape the overlapping sheets together; this is done to prevent moisture from the substrate passing through the screed and to avoid material leaks. The polyethylene sheets must also turn up at any vertical surface (i.e. walls, pillars, etc.) at least 10 cm. Before applying, the residual moisture content of the substrate should be less than 3%, as polyethylene forms a vapour barrier.

Always provide for perimeter joints and joints along any vertical surface using a 4 to 8 mm thick strip of compressible material, such as polystyrene, cork, etc.

If there are pipe penetrations, the screed must include light reinforcement (i.e. fine galvanized mesh) and be at least 2 to 3 cm thick above the pipes.

If incorporating heating elements, the screed must be at least 3 cm thick above the hot water coils.

In the event that installation of the screed is interrupted, it is necessary to include an electro-welded mesh or iron rod (protruding by at least 25-30 cm) in the final layer. This will help prevent cracks and unevenness in the screed.

Mixing

Mix product with approximately 17% of water (4.25 liters per 25 kg bag), using either a concrete mixer or a traditional mixing equipment (pump).

- **If using a concrete mixer**, add the desired amount of material, start the mixer, and add water. Mix for 3 to 4 minutes until a smooth, fluid consistency is obtained.
- **If using traditional mixer/pump**, add the desired amount of material to the hopper, start the mixer and slowly add required water amount until consistency is fluid.

Final consistency should be smooth and fluid, but not liquid.

Application

The screed mortar must be used within the 45 minutes after mixing. Once level indicators are positioned, the screed mortar must be poured and spread evenly, then leveled with suitable leveling bars or squeegees.

Screed placed above any pipes should be at least 3 cm thick.

Note: When required and dictated by the project, install the appropriate expansion joints, as necessary in rooms 40 m² or larger, and as require for perimeter and vertical surfaces. Avoid installing in cold temperature (if work can freeze).

Cleaning

Clean tools with water while mortar is fresh.

Installation of Tiles

Installation of the tile finish can begin approximately 24 hours after application of 2261 FLUID FAST (at 23°C and 50% R.H.). Provide for expansion joints in compliance with UNI 11493-1: 2016.

Installation of Wood, Resilient, or Similar Materials

Installation of other finishes should only begin after measuring residual moisture content using a calcium carbide hygrometer (<2% after about 7 days).

6. AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l.:

+39 059557680

info@laticreteeuropa.com

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

Cost

Contact LATICRETE EUROPE S.r.l 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:

- DS230.13EU: 1 Year Product Warranty (EN)
- DS 230.10EU: 10 Year System Warranty (EN)

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 059557680

technicalservices@laticreteeuropa.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 230.10EU: 10 Year System Warranty