



LEVEL PLUS FIBER

DS-762-0426

For the Builders of a Better World™



Advantages

- For indoor and outdoor use
- Easy to use and fast-setting — walkable after 4 hours
- Pumpable — eliminates the need for sanding and trowelling
- Flexible — polymer-modified
- Long gel times for improved workability
- Surface suitable for most floor finishing products
- Compatible with most adhesives
- Low emissions of volatile organic compounds (VOC)
- High coverage
- Compliant with CAM

VOC/LEED information

- GEV EMICODE EC1 Plus
- INDOOR AIR EMISSIONS: A+
- Compliant with CAM

Standard

- EN 13813: CT C30 F7 A1fl
- ISO 9001:2015: CERT-09019-2001-AQ-BOL-SINCERT

1. PRODUCT NAME

LEVEL PLUS FIBER

2. MANUFACTURER

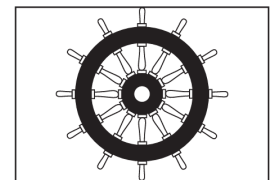
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3. PRODUCT DESCRIPTION

LEVEL PLUS FIBER is an easy-to-use, cement-based designed for use on various substrates, including concrete and ceramic tiles. Thanks to its fibre reinforcement, it is suitable for wooden substrates.

LEVEL PLUS FIBER is suitable for smoothing and levelling substrates by 3 to 50 mm, both indoors and outdoors. It is highly durable and provides a smooth, level surface for the installation of floor finishes.



Applications

- For creating flat, sound-absorbing and high-strength resistance for the installation of resilient finishes resilient materials, wood, resin, ceramic or marble
- For indoor and outdoor use
- For layers 3 to 50 mm thick
- For residential and commercial use
- On engineered or laminated wood panels
- Suitable for underfloor heating
- On old substrates with residues of adhesives or levelling compounds
- Ideal for levelling prior to laying large-format tiles
- Compatible with most adhesives

Suitable substrates

- Concrete
- Screeds or mortar beds
- Exterior timber panels
- TERRAZZO-type concrete floors
- Old tiles and stone

Packages

25 kg per bag; 48 bags per pallet

Coverage / Consumption

1.65 kg/m² per mm of thickness

Storage

Twelve (12) months in unopened original packaging, stored off the ground in a cool, dry place. High humidity will reduce the shelf life of the bagged product.

4. TECHNICAL DATA

Physical properties

Composition	cement, aggregates, fibres, additives
Colour	grey
Bulk density	~ 1300 kg/m ³
Density at 28 days	~ 1800 kg/m ³
Maximum particle size	0.5 mm
Flammability	No

Performance

Reaction to fire according to EN 13501-1:	A1 _{fl}	
Classification according to EN 13813:	CT C30 F7	
	Value	Test method
Compressive strength (24h)	~ 14 N/mm ²	EN 13892-2
Compressive strength (7 days)	~ 28 N/mm ²	EN 13892-2
Compressive strength (28 days)	~ 35 N/mm ²	EN 13892-2
Flexural strength (24h)	~ 3 N/mm ²	EN 13892-2
Flexural strength (7 days)	~ 7 N/mm ²	EN 13892-2
Flexural strength (28 days)	~ 7 N/mm ²	EN 13892-2
Tensile adhesion to concrete	~ 1.5 N/mm ²	EN 13892-8
Shrinkage	~ 0.3 mm/m	EN 13454-2
Thermal conductivity λ	1.35 W/mK	EN 12664
Temperature resistance	From -30°C to +90°C	

Processing characteristics

Consistency of the mixture:	Fluid
Specific gravity of the mixture	~ 1900 kg/m ³
Mixing ratio	22%–24% (4.4 l – 4.8 l of water per 20 kg bag)
Maximum thickness	~ 50 mm
Minimum thickness	~ 3 mm
Walkability	~ 4 hours
Waiting time before laying tiles:	~ 24 hours
Waiting time before laying stone or marble:	~ 48 hours
Waiting time before laying wood or resilient flooring:	~ 72 hours
Final curing:	~ 7 days
Application temperatures	From +5°C to +30°C

(data recorded at +23°C, 50% relative humidity)

The technical data provided has been measured under standard laboratory conditions and is subject to change without notice. The actual performance of the product depends on site application conditions, the installation method used and the type of coating.

5. APPLICATION

Substrate preparation

Substrates must be sound, level, solid and free from loose particles, dust, grease, paint, wax, rust or efflorescence. Remove any cement laitance from freshly laid concrete. Screeds and concrete must be properly cured; at least 30 days for screeds and 3 months for concrete.

Old ceramic floors must be degreased and lightly abraded to roughen the surface.

The curing of the substrate must be measured using a carbide hygrometer before applying LEVEL PLUS FIBER; this prevents further deformation of the screed caused by shrinkage. The air and substrate temperature must not fall below +5°C during and for one week after application.

To assess the residual moisture content for the covering, moisture must be measured using a carbide hygrometer. The values must not exceed the following:

- Cement-based screeds: 2.0% CM
- Anhydrite-based screeds without underfloor heating: 0.5% CM
- Anhydrite-based screeds with underfloor heating: 0.3% CM

Wooden substrates must be clean, dry and capable of supporting the weight. Repair any damaged areas. Secure loose or poorly fitted boards with suitable screws. It is preferable for them to be laid with staggered joints, screwed and glued.

Product preparation

Apply PRIMER SUPERIOR to the substrate and allow it to dry. Pour 4.4–4.8 litres of water into the mixing container. Add 20 kg of LEVEL PLUS FIBER, stirring until a smooth, lump-free mixture is obtained. During mixing, a trowel can be used to scrape the product adhering to the sides of the container, so that the material is re-incorporated, ensuring a proper mixing process. It is recommended to use a mixer operating at 500–700 rpm.

Application

Pour LEVEL PLUS FIBER onto the surface treated with primer and spread evenly using a suitable tool within the specified setting time. It has been found to be very advantageous to set levelling markers whilst the surface is still soft, to check the exact required level. The required layer thickness can be applied in a single coat. The fresh mortar must be de-aerated with a notched trowel, promoting the levelling action. The surface and levelling are significantly improved by this method. Protect LEVEL PLUS FIBER during curing from excessive drying caused by high room temperature, direct sunlight or dry air. The indoor and floor temperatures must be maintained above +5°C during and for one week after installation.

Installation of finishes

Always refer to the finishing coating manufacturer's recommendations regarding installation instructions, surface preparation, humidity conditions and compatibility. Always test the performance suitability and compatibility of the chosen coating systems before application. It is always advisable to carry out a small

test area on site before proceeding to test the finished floor for its intended use. The table below shows data regarding residual moisture levels depending on the finish to be applied:

Coating	RH	Approximate waiting time
Ceramic tiles	< 6%	24 hours
Stone and marble	< 3%	< 6 mm: 24 hours > 6 mm: 48 h
Resins, resilient flooring and wood	< 2%	< 6 mm: 24 hours > 6 mm: 72 h

Lower temperatures, higher RH, poor ventilation and a thicker self-levelling application will prolong the drying time of the self-levelling compound.

Limitations

- Absorbent surfaces adversely affect the mortar's self-levelling ability and therefore the surface must be cleaned and pre-treated with PRIMER PLUS or PRIMER SUPERIOR.
- Non-absorbent substrates such as tiles, marble or Terrazzo flooring must be treated with PRIMER SUPERIOR prior to application.
- DO NOT apply to concrete that is less than 3 months old.
- Before laying the flooring, the self-levelling compound must be completely dry. It is recommended to measure the residual moisture content using a carbide hygrometer.
- Ventilation around the work area is necessary; draughts and excessive exposure to sunlight during the curing process must be avoided.
- The internal temperature and that of the floor must be maintained above +5°C during and for one week after application. Dehumidifiers must not be used during the first 3 days of curing.
- If drying has occurred too rapidly (in heated rooms or due to direct sunlight), the surface of the layer may crack or split.
- Excess water during mixing causes the product components to separate, resulting in reduced strength. Areas with reduced strength must be removed mechanically.
- Existing construction and expansion joints must be respected by interrupting the pour with suitable separators.
- Rough and porous surfaces result in higher material consumption.
- High temperatures reduce the setting time, whilst low temperatures increase it.
- Use only water and clean tools.

Warnings

- Product that has already begun to set must not be reactivated by adding water or fresh product. There is a risk of inadequate strength development.
- The product must be protected from water and frost until it has fully cured. This may take several days in adverse weather conditions.
- Protect from rain for at least 48–72 hours after application.
- Avoid contact with skin and eyes. In case of irritation, wash thoroughly with clean, fresh water. In case of contact with eyes, seek medical

attention immediately.

- In areas with high humidity and poor ventilation, the drying time of the applied product may increase.
- Keep out of reach of children.

For further information, please refer to the product safety data sheet.

6. AVAILABILITY AND COSTS

Availability

LATICRETE® products are available worldwide. To find your nearest dealer, please contact LATICRETE EUROPE S.r.l.

Telephone: +39 059 535540

Email: info@laticreteeuropa.com

Website: <https://eu.laticrete.com/>

Prices

Please contact your nearest LATICRETE EUROPE S.r.l. stockist for full pricing information.

7. WARRANTY

The supplier guarantees that the product will not deteriorate under normal conditions of use. The warranty is valid for one (1) year. Contact Technical Support for further information.

Product System Warranty

- DS-230.13EU-0121: product warranty
- DS 230.5-10-15EU: 15-year product warranty

8. MAINTENANCE

LATICRETE® products are high-quality products designed to provide long-lasting, maintenance-free installations; however, their durability and performance depend entirely on the type of cleaning products used.

9. TECHNICAL SERVICES

Technical support

For further information, please contact Technical Support

Telephone: +39 059 535540

Email: info@laticreteeuropa.com

Technical and safety documentation

To obtain technical and safety documentation, please visit our website: <https://eu.laticrete.com/>

Warnings

The information and guidelines contained in this Technical Data Sheet, although based on knowledge acquired over years of application, are to be considered indicative. As LATICRETE® cannot directly control the installation conditions and application methods of the products, it accepts no liability arising from their installation. Anyone intending to use LATICRETE® products must carry out appropriate on-site tests to establish their suitability for the intended use.

Our products are covered by a warranty within the limits set out in our general terms and conditions of sale and within the limits of our products' compliance with the applicable technical specifications and certifications, as expressly indicated in the product

data sheets or applicable technical documentation and expressly provided by us with the products themselves.

10. DOCUMENTATION

Further product information is available on our website at <https://eu.laticrete.com/>.