



DRYTEK® FLASH

DS-7005-1026

For the Builders of a
Better World™



Advantages

- Ultra-fast setting.
- High mechanical strength achieved in a short time.
- Free from shrinkage and cracking.
- Excellent adhesion to cementitious and masonry substrates.
- Suitable for vertical and horizontal application.
- For indoor and outdoor use.
- High dimensional stability.
- Easy to apply and shape.
- Ideal for fixings, repairs and quick sealing.
- Weather-resistant and resistant to ageing.



1. PRODUCT NAME

DRYTEK® FLASH

2. MANUFACTURER

LATICRETE EUROPE S.r.l.

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Castelnuovo Rangone (MO), Italy

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3. PRODUCT DESCRIPTION

DRYTEK FLASH is an ultra-fast-setting premixed mortar based on special hydraulic binders, selected high-strength aggregates and specific synthetic additives. Formulated for rapid repair, fixing and sealing work, it guarantees rapid development of mechanical strength within just a few minutes of application.

Thanks to its special composition, the product is free from shrinkage and cracking, ensuring high dimensional stability and excellent adhesion to the most common mineral substrates. Its thixotropic consistency allows for both vertical and horizontal application without sagging, making it particularly suitable for maintenance and restoration work requiring short turnaround times.

Suitable for both indoor and outdoor use, DRYTEK FLASH offers high mechanical performance, long-term durability and resistance to atmospheric agents, allowing treated surfaces to be put into service quickly. It is particularly suitable for the immediate securing of metal components, sealing localised leaks, fixing fittings and carrying out spot repairs to concrete and masonry structures.

Applications

- Repair, sealing and rapid fixing work where the treated area needs to be put back into service quickly.
- Anchoring and securing metal components such as railings, handrails, brackets, dowels, frames, window and door frames, and hinges.
- Installation and fixing of junction boxes, electrical distribution boxes, cable ducts and service conduits.
- Rapid repair of damaged edges, cavities, chips, cracks and localised fissures.
- Smoothing and levelling of minor surface imperfections on cementitious substrates, mortars and concrete structures.
- Immediate sealing of localised water ingress and dripping on concrete and masonry structures.
- Filling of holes, marks and recesses resulting from installation or maintenance work.
- Carrying out spot repairs on vertical and horizontal surfaces, both indoors and outdoors.
- Rapid fixing of fittings, brackets, supports and technical components for the building and plant engineering.

Suitable substrates

- Normal and reinforced concrete, fully cured and structurally stable.
- Cementitious mortars and repair concrete.
- Masonry comprising solid bricks, hollow bricks and concrete blocks.
- Cementitious renders and lime-cement-based renders that adhere perfectly to the substrate.
- Stable, water-resistant natural stone.
- Precast concrete elements.
- Cavities, grooves and holes prepared for the fixing of metal elements and fittings.
- Absorbent, clean, compact mineral substrates free from loose particles.

Packaging

Packaging: 5 kg bags x 4 per box; 27 boxes per pallet

Packaging: 25 kg bags; 60 bags per pallet

Coverage / Consumption

Approximately 2 kg of product per litre of void to be filled.

Storage

Six (6) months in the original, unopened 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	Rapid-setting cement mortar
Colour	Grey
Density of the mixture	~ 2000 kg/m ³
Maximum particle size	0.5 mm
Flammability	No

Performance

Compressive strength at 15 minutes	4 N/mm ²
Compressive strength at 2 hours	8 N/mm ²
Compressive strength at 1 day	10 N/mm ²
Compressive strength at 7 days	15 N/mm ²
Compressive strength at 28 days	20 N/mm ²

Workability

Consistency of the mix:	Creamy
Specific gravity of the mix:	2.0 g/cm ³
Mixing ratio:	19–21% water, corresponding to 4.75–5.25 litres of water per 25 kg bag or 0.95–1.05 litres of water per 5 kg bag
Application temperature:	From +5°C to +35°C
Working time:	~ 80 seconds
Initial setting time:	~ 130 seconds
Final setting time:	~ 180 seconds
Final setting:	28 days
Temperature resistance:	From -30°C to +90°C

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

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

5. APPLICATION

Substrate preparation

Clean the bonding surface of any loose debris and remove any anti-adhesive substances as far as possible; lightly and evenly dampen any dusty areas.

Product preparation

Thoroughly mix DRYTEK FLASH with approximately 19–21 per cent fresh, clean water, calculated by weight of the powder, taking care to add the powder to the water and not the other way round, until a lump-free paste. It is advisable to mix only the amount of product you are certain to use within the next 2–3 minutes, as once setting has begun, the product can no longer be used.

Application

Apply the product using a trowel or a smooth metal spatula; once set, smooth the surface with a damp foam rubber pad, as you would with standard cement-based plaster. In the event of very high temperatures, wet the product within the first few minutes after it has set. Clean tools and hands with plenty of water as soon as possible.

Restrictions

- Do not apply at temperatures below +5°C or above +35°C.
- Do not use on frozen substrates or those subject to frost.
- Do not apply to unstable, dirty or contaminated substrates.
- Do not use on gypsum- or anhydrite-based substrates
- Do not add water once setting has begun.
- Do not mix with other binders or additives.
- Do not use for levelling or extensive repairs.
- Do not apply to substrates subject to significant movement or vibration.
- Do not use the product once the working time has elapsed.

Warnings

- Use only clean water for mixing.
- The temperature of the mixing water significantly affects the setting time: avoid water that is too hot in summer and too cold in winter.
- Prepare only the amount of product that can be used within 1–2 minutes; it is recommended to mix no more than 0.5–1 kg at a time.
- Do not add water or powder once setting has begun.
- Carefully remove dust, oils, grease and loose particles before application.
- Pre-moisten absorbent substrates, taking care to avoid water pooling.
- Do not use for large-volume fillings without adequate application testing.
- Protect the applied material from drying out too quickly, rain and frost during the first few hours.
- Wear suitable personal protective equipment when handling the product.
- Store in a dry place, protected from moisture and the elements.

- Keep out of reach of children.
- **For professional use only.**

For further information, please refer to the product's 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@laticreteeurope.com

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

Prices

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

7. WARRANTY

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

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@laticreteeurope.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, whilst based on knowledge gained through years of application, are to be regarded as indicative. As LATICRETE® cannot directly control the installation conditions and application methods of the products, it accepts no liability arising from their use. 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 to the extent that our products comply with the applicable technical specifications and certifications, as expressly indicated in the product data sheets or applicable technical documentation and expressly supplied by us with the products themselves.

10. DOCUMENTATION

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