



# LATAJOINT 100

DS-100-0626

For the Builders of a  
Better World™

## 1. PRODUCT NAME

LATAJOINT 100

## 2. MANUFACTURER

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## 3. PRODUCT DESCRIPTION

**LATAJOINT 100** is a new-generation, high-strength, three-component epoxy sealant, specifically designed for industrial applications. Its advanced formulation ensures extremely strong, compact and durable joints, making it the ideal choice for those seeking maximum reliability and high hygiene standards.

Thanks to its excellent adhesion, high mechanical strength and chemical resistance to aggressive detergents, oils, greases and corrosive substances, **LATAJOINT 100** is particularly well-suited for use on industrial flooring. The joints are smooth, non-absorbent and easy to clean, helping to maintain the surface's appearance and performance over time. A product designed for those who want a flawless result: functional, safe and built to last, even in the most challenging applications.

- High stain resistance
- Formula specifically designed for grouting industrial flooring
- Uniform colour – a three-component system that allows the consistency to be adjusted
- No maintenance required and does not discolour
- Complies with the requirements of ISO 13007 RG and EN 13888 RG
- Superior performance to cementitious grouts
- Long working time, ideal for demanding applications
- Perfect for installations subject to wide temperature ranges
- Strong, durable and crack-resistant
- Withstands high-temperature industrial washing

### VOC/LEED information

- GEV EMICODE: EC1
- Complies with CAM

### Standard

- EN 13888:2022: RG
- ISO 13007-1: RG
- ISO 9001:2015: CERT-09019-2001-AQ-BOL-SINCERT



## Benefits

F.7.3.12 – 0315

Technical data sheets are subject to change without notice. For the latest revision, visit <https://eu.laticrete.com/>.

## Applications

- Sealing of floors and wall coverings, indoors and outdoors, in the following sectors:  
Industrial: dairies, meat processing plants, pharmaceutical industries, distilleries, laboratories, computer rooms  
computer rooms, breweries, hospitals, veterinary clinics, kennels, etc.
- For walls or floors
- For joints from 1.5 to 12 mm
- For high-traffic areas
- Specifically designed for industrial flooring

## Suitable substrates

- Ceramic tiles
- Industrial clinker
- Porcelain stoneware

## Coverage / Consumption

Tile size (cm)	Thickness Tile (mm)	Grout width (mm)				
		1	2	3	5	10
2x2	4	0.73	1.46	2.19	3.65	7.30
10x10	9	0.33	0.66	0.99	1.64	3.29
7.5 x 15	7	0.26	0.51	0.77	1.28	2.56
15x15	9	0.22	0.44	0.66	1.10	2.19
12x24	12	0.27	0.55	0.82	1.37	2.74
20x20	9	0.16	0.33	0.49	0.82	1.64
30x30	14	0.17	0.34	0.51	0.85	1.70
30x60	10	0.09	0.18	0.27	0.46	0.91
45x45	10	0.08	0.16	0.24	0.41	0.81
45x90	10	0.06	0.12	0.18	0.30	0.61
60x60	10	0.06	0.12	0.18	0.30	0.61
60x120	10	0.05	0.09	0.14	0.23	0.46
120x120	10	0.03	0.06	0.09	0.15	0.30
15x80	10	0.14	0.29	0.43	0.72	1.45
20 x 150	10	0.10	0.21	0.31	0.52	1.03
20 x 170	10	0.10	0.20	0.31	0.51	1.02
60x60	20	0.12	0.24	0.37	0.61	1.22
100x100	6	0.02	0.04	0.07	0.11	0.22
150x300	6	0.01	0.02	0.03	0.05	0.11

## Pack sizes

Complete kit: 36 kg  
 Part A: 0.95 kg box containing 4 tins  
 Part B: 1.75 kg box x 4 tins  
 Part C: 6.25 kg box x 4 bags

## Storage

The excellent quality of this product's factory-sealed containers is guaranteed for twenty-four (24) months, provided they are stored indoors and off the ground at temperatures between >0°C and >35°C.

## 4. TECHNICAL DATA

### Physical properties

Contents:	Epoxy resins, aggregates, additives
Components	Part A: Ochre-yellow liquid Part B: Whitish liquid Part C: Grey powder
Mixing ratio:	1 Part A : 1 Part B : 1 Part C
Density	Part A: 0.95 g/cm <sup>3</sup> Part B: 1.00 g/cm <sup>3</sup> Part C: 1.40 g/cm <sup>3</sup>
Specific gravity of the mixture (A+B+C)	1.60 g/cm <sup>3</sup>
Workability time	70 min
Walkability	~8 hours
Ready for use	7 days*
Flammability	No
Application temperature:	from +10 °C to +35 °C

### Performance

Classification according to EN 13888:		RG
	Value	Test method
Abrasion to abrasion:	≤ 250 mm <sup>3</sup>	EN 12808-2
Resistance to (28 days):	≥ 30 MPa	EN 12800-3
Compressive compression (28 days):	≥ 45 MPa	EN 12800-3
Shrinkage:	≤ 1.5 mm/m	EN 13888-1:2022
Water after 240 minutes:	≤ 0.1 g	EN 12808-5
Temperature resistance	From -30°C to +90°C	

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 the site conditions, the installation method used and the type of coating.

### Chemical resistance

Substance	Exposure Intermittent <sup>^</sup>	Exposure Continuous <sup>^^</sup>
Milk	R	R
Wine	R	R
Citric acid 10%	R	R
Sulphuric acid 1%	R	R
Hydrochloric acid 1%	R	R
Lactic acid 5%	R	R
Vinegar	R	R
10% acetic acid	R	R
Phosphoric acid 5%	R	R
Sodium hydroxide 10%	R	R
Sodium hydroxide 10%	R	R
Concentrated detergent	R	R
Ammonium hydroxide	R	R
Sugars	R	R
Petrol	R	NR
Oleic	R	NR
Turpentine	R	NR

Ether	R	NR
Toluene	NR	NR
Xylene	NR	NR

<sup>^</sup> Intermittent: Exposure to chemicals for less than 3 days.

<sup>^^</sup> Continuous: Exposure to corrosive substances for 1 month.

R = Recommended

NR = Not recommended

Chemical resistance determined in accordance with ASTM C267.

Notes: It is recommended to carry out both continuous and intermittent exposure to reagents at temperatures above 32°C

## 5. APPLICATION

### Substrate preparation

Store the material at room temperature for 24 hours prior to application. The surfaces to be covered must be at a temperature between +10°C and +35°C. Before grouting the joints, ensure that the adhesive used to lay the tiles has fully cured. The joints must be clean and free of dust; level them to a uniform depth and width. Remove spacers and any loose material. Do not clean the tiles with acidic substances.

### Product preparation

Pour the contents of the Part B (resin) packs into a clean bucket, add Part A (hardener) and mix using a drill fitted with a helical whisk at a low speed (approximately 300 rpm) until a homogeneous mixture with a uniform colour is obtained. Gradually add the powder and continue mixing from the bottom upwards for approximately 2 minutes. The resulting product is ready for application. For better workability at low temperatures and for narrow joints, it is advisable to add only 90% of the total powder.

### Application

Pour the mixture onto the area to be grouted. Spread the grout using a rigid rubber grouting trowel with a sharp, solid edge. Ensure that the joint is filled to its full depth with the grout. Remove any excess LATAJOINT 100 from the surface of the tiles using the sharp edge of the trowel, holding it at a 90° angle and working diagonally across the joints.

### Cleaning

After waiting ten minutes, dampen the joints with water and clean them using a damp sponge with circular movements.

Rinse the sponge frequently, ensuring it remains clean at all times.

Finally, wipe the sponge diagonally across the grout lines to even out the surface and avoid removing the grout from the joints.

### Important:

Do not clean whilst the product is still fresh, to avoid removing too much of it and creating gaps within the grout lines.

### Final cleaning

After 8–12 hours, if there are any hardened or stubborn epoxy marks on the surface, use STONETECH® EPOXY CARE & CLEAN together with the WHITE FELT sponge.

**For further information, refer to the STONETECH® EPOXY CARE & CLEAN technical data sheet.**

It is essential to respect the structural joints in the cladding as well. Provide suitable expansion and perimeter joints, which must divide the surface into square or rectangular grids with a side ratio of no more

than 1.5. As a guide, the grids may have the following dimensions:

- indoor areas: from 5 m x 5 m to 6 m x 4 m;
- outdoor areas: from 3 m x 3 m to 4 m x 2.5 m.

### Restrictions

- Maximum chemical resistance is achieved after 7 days at 21°C. Protect the joints from contact with acids and aggressive chemicals during this period. The curing time is extended at low temperatures.
- LATICRETE® epoxy grout sealants are not a substitute for waterproofing membranes. If a waterproofing system is required, use the specialised membranes 9235 MEMBRANE, 9237 WATERPROOFING MEMBRANE and HYDRO BAN®.
- Consult the LATICRETE® Technical Support Service if the sealant is to come into contact with chemicals other than those specified in this technical data sheet.
- During the winter months, curing and walk-on times may be significantly longer. Protect the finished work until it has fully cured. During the summer months, these times are shorter and the product's workability period is also reduced.

### Warnings

- Product that has already begun to set must not be revitalised by adding fresh product.
- Protect the finished work from chemical attack and foot traffic until it has fully cured.
- With stone and marble, always carry out a test to check that the grout can be cleaned with water.
- Avoid contact with skin and eyes. In case of irritation, wash thoroughly with clean, cool water. In case of contact with the eyes, seek medical attention immediately.

### • FOR PROFESSIONAL USE

For further information, 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@laticreteeuropa.com](mailto: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. 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 the Technical Support Department

Telephone: +39 059 535540

Email: [info@laticreteeuropa.com](mailto: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, 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 product information is available on our website at <https://eu.laticrete.com/>.