



# COLORBASE FL

DS-2822-0524

**Globally Proven  
Construction Solutions**



- Frost resistant
- Flexible

### Suitable Substrates

- Tile or Natural Stone

### Packaging

25 kg bag

23 ANTIQUE WHITE  
24 NATURAL GREY  
78 STERLING SILVER

81 BUTTER CREAM  
85 ALMOND  
89 SMOKE GREY

## 1. PRODUCT NAME

COLORBASE FL

## 2. MANUFACTURER

LATICRETE EUROPE S.r.l.

Via Paletti, 1, 41051

Castelnuovo Rangone MO, Italy

Telephone: +39 059557680

Email: [info@laticreteurope.com](mailto:info@laticreteurope.com)

Website: [laticrete.eu](http://laticrete.eu)

## 3. PRODUCT DESCRIPTION

COLORBASE FL is a coarse-grained, normal-setting cement-based grout for joints from 3 to 30 mm in ceramic tiles and natural stone, water-repellent, flexible, anti-mould.

### Uses

- For interior and exterior use
- For walls or floors
- Suitable for joints from 3 to 30 mm for ceramic tiles and natural stone
- For residential and commercial use
- Suitable for heated floors and walls
- Suitable for non-moisture sensitive stone

### Advantages

- Easy to use, excellent workability
- Low emissions (EC1 Plus) — better indoor air quality
- Equipped with anti-microbial technology — antibacterial and mould resistant

### Coverage / Consumption

Tile Size (mm)		Joint Width (mm)			
		1	2	3	5
2x2	4	0.75	1.50	2.25	3.75
10x10	9	0.34	0.68	1.02	1.70
15x15	9	0.22	0.44	0.66	1.10
20x20	9	0.17	0.34	0.51	0.85
20x20	14	0.26	0.52	0.78	1.30
30x30	10	0.12	0.24	0.36	0.60
30x60	10	0.09	0.18	0.27	0.45
45x45	10	0.08	0.16	0.24	0.40
45x90	10	0.06	0.12	0.18	0.30
60x60	10	0.06	0.12	0.18	0.30
60x120	10	0.05	0.10	0.15	0.25
120x120	10	0.03	0.06	0.09	0.15
15x80	10	0.15	0.30	0.45	0.75
15x150	10	0.14	0.28	0.42	0.70
20x150	10	0.11	0.22	0.33	0.55
15x170	10	0.14	0.28	0.42	0.70
20x170	10	0.10	0.20	0.30	0.50
60x60	20	0.12	0.24	0.36	0.60
100x100	6	0.02	0.04	0.06	0.10
150x300	6	0.01	0.02	0.03	0.05

### Shelf Life

Factory sealed bags of this product are guaranteed to be of first quality for two years (2) if stored in a cool, dry place.

### Limitations

- DO NOT use for joints larger than 15 mm.
- Mixing water must be clean and salt-free.
- DO NOT use in areas exposed to harsh chemicals.

- DO NOT use acid to clean coloured grout joints.
- For installations that require high strength and chemical resistance choose SPECTRALOCK® 2000 IG or SPECTRALOCK® PRO PREMIUM GROUT depending on the application. These products are ideal for installations where a stain resistant colourfast grout is desired.
- Job site conditions will affect the final colour of coloured grouts. Try a small test area to determine your results before grouting the entire installation.
- Certain types of tile are more absorbent than others and will trap colour pigment during grouting. Prior to grouting, test for absorption of colour pigment. Porous tiles will need to be sealed prior to grouting.
- During cold weather, protect finished work from traffic until fully cured.
- In submerged applications allow COLORBASE FL to cure for 14 days at 21°C prior to filling with water.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not designed as replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE® Waterproofing Membrane

*Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes.*

#### Cautions

Consult SDS for more safety information.

- Contains sand and 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



#### TVOC/LEED Product Information

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

#### Applicable Standard

- EN 13888, CG2 WA
- ISO 9001:2015 Quality Management System

#### Physical Properties

<b>Basis:</b>	Cement, aggregates, additives		
<b>Colour:</b>	see color chart		
<b>Apparent Density:</b>	1.30 g/cm <sup>3</sup>		
<b>Maximum Grain Size:</b>	0.3 mm		
<b>Flammability:</b>	No		
<b>Classification EN 13888:</b>	CG2 WA		
	<b>Value</b>	<b>Requirement</b>	<b>Test Method</b>
<b>Abrasion Resistance:</b>	~ 500 mm <sup>3</sup>	≤ 1000 mm <sup>3</sup>	EN 12808-2
<b>Flexural Strength after Dry Storage:</b>	~ 9 N/mm <sup>2</sup>	≥ 2.5 N/mm <sup>2</sup>	EN 12808-3
<b>Flexural Strength after Freeze-Thaw Cycles:</b>	~ 6 N/mm <sup>2</sup>	≥ 2.5 N/mm <sup>2</sup>	EN 12808-3
<b>Compressive Strength Dry Storage:</b>	~ 30 N/mm <sup>2</sup>	≥ 15,0 N/mm <sup>2</sup>	EN 12808-3
<b>Compressive Strength after Freeze-Thaw Cycles:</b>	~ 20 N/mm <sup>2</sup>	≥ 15,0 N/mm <sup>2</sup>	EN 12808-3
<b>Shrinkage:</b>	~ 1,5 mm/m	≤ 3 mm/m	EN 12808-4
<b>Water Absorption after 30 Minutes:</b>	~ 0,5 g	< 2 g	EN 12808-5
<b>Water Absorption after 240 Minutes:</b>	~ 1,0 g	< 5 g	EN 12808-5

#### Working Properties

<b>Consistency:</b>	<b>creamy paste</b>
<b>Wet Density:</b>	<b>2,1 g/cm<sup>3</sup></b>
<b>Pot Life:</b>	<b>90 minutes</b>
<b>Application Temperature:</b>	<b>from +5°C to +35°C</b>
<b>Water Mixing Ratio:</b>	<b>~ 20% (5 l/bag)</b>
<b>Time to Foot Traffic:</b>	<b>~ 6 hours</b>
<b>Time to Full-Service Conditions:</b>	<b>~ 24 hours</b>

(23°C / 50% relative humidity)

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

Substrate temperature must be between 5°C and 35°C. Before starting to grout, remove spacers and debris in grout joints and remove dust and dirt using a wet sponge. Do not leave water standing in joints.

*Note: when grouting in hot weather refer to TDS 176 Hot Weather Tiling and Grouting.*

## Mixing

Use approximately 20% of clean water with COLORBAE FL (about 5 lt per 25 kg of grout). To ensure the product mixes correctly, place water in a clean mixing container, then add grout powder. Mix with a slow speed drill mixer for one (1) minute. Wait for 3-5 minutes and remix with drill for one (1) minute. During use, stir occasionally to keep mix fluffy. Do not temper with water.

## Application

Spread with a sharp, firm rubber grout float or wall float for narrow wall joints. To remove excess grout hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints to avoid pulling out the material.

*Note: If the grout begins to stiffen during installation, remix with drill mixer for 10–15 seconds. DO NOT ADD MORE WATER as it can cause changes to the colour.*

Upon completion, protect finished work from rain during the 24 hours following installation. During cold weather, protect finished work from traffic for the first 48 hours.

## Cleaning

For the first cleaning wait approximately 20 – 25 minutes at 21°C. Wider joints or cooler temperatures may extend wait time. Begin initial cleaning by lightly wiping down entire area to be cleaned with a damp sponge. Wash with a damp sponge (not wet). Work diagonally to the joints. Use a damp sponge or dry cloth to remove remaining grout haze.

## 6. AVAILABILITY AND COST

### Availability

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

+39 059557680

[info@laticreteurope.com](mailto:info@laticreteurope.com)

For on-line distributor information, visit [www.laticrete.eu](http://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
- DS-230.10EU: 5-10-15 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 on the cleaning products used.

## 9. TECHNICAL SERVICES

### Technical Assistance

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

+39 059557680

[technicalservices@laticreteurope.com](mailto:technicalservices@laticreteurope.com)

### Technical and Safety Literature

To obtain technical and safety literature, please visit our website at [www.laticrete.eu](http://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.