

CREST FLEXIGROUT® Ready to use, polyurethane based, specially designed as a super flexible seal adhesive for interior or exterior installations of most common household surfaces and types of impervious, vitreous, semi and non-vitreous tiles such as porcelain, ceramic and natural stone on floors, walls, sinks, showers and countertops.

CREST FLEXIGROUT ® is a flexible joint system, suggested in facilities that are subject to structural micro movements, thermal shock or vibration.

Benefits

- · Excellent adhesion
- Incredible flexibility
- Interiors and/or exteriors installations
- · Residential and commercial use
- · Restores cracks or worm grout joints
- Water resistant caulk
- · Ready to use
- · Easy to apply
- · Smooth and creamy consistency
- · Water Clean up
- VOC Compliant

Suitable Tile Types

- Around tubs
- Showers
- Sinks
- Bonds bath fixtures
- Loose tiles
- Ceramic or Natural Stone tiles joints
- Most common construction materials (Concrete, stone, glass)

Limitations

- Install only at temperatures between 50°F and 100°F (10°C and 38°C).
- Maximum joint width and depth should not exceed 1/4"" (6 mm).
- Not suggested for use on aquariums.
- Not suggested for use in areas with constant water exposure.
- DO NOT use to install grab bars.
- Protect from rain and exposure to water for 24 hrs.
- Allow new concrete to cure 30 days before caulking.
- Do not use for joints subject to heavy abrasion or wear.
- Allow a minimum of 4 to 6 hours drying time before painting.

Packaging

• 10.5 oz. (310 ml) cartridge, 5 colors

Surface Preparation

Before applying CREST FLEXIGROUT® it is necessary to clean the surface and joints, which must be structurally sound, dimensionally stable, flat and clean, free from oil, paint, sealers, wax, dirt or any other type of impurity that might prevent proper adhesion.



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Concrete must be cured 28 days and accept water penetration. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Concrete slabs should have a coarse finish to enhance the bond. Expansion joints should never be bridged with setting material. Do not sand flooring materials containing asbestos.

Install at ambient temperature, should be maintained above 50° F (10°C) or below 100°F (38°C) for 24 hours to achieve proper bond.

Use appropriate safety equipment as chemical resistant gloves when handling this product.

Mixing Procedures

CREST FLEXIGROUT® is ready to use, simply open the product and apply. No mixing is required.

Installation as Movement Joints

Interiors:

- Place movement joints every 22 ft., with a width of 1/4".
- If direct light sun is present, movement joints must be placed every 10 ft. to 12 ft. with a ¼" width.

Exteriors:

- Place movement joints every 12 ft. to 16 ft., with a width of 3/8 and 1/2".
- Place movement joints between coating and fixtures installations, such as perimeter walls, columns, slab or where any level change in the installation occurs.
- All insulation joints, contraction and expansion, construction and seismic existing in the substrate, should be projected to the installation coating, which should not be lower than those existing in the substrate.
- Can be used in horizontal and vertical joints according to the practices of engineering and architecture. The joint width should be 4 times the movement expected and not less than ¼" (6mm).
- For ¼" to ½" joints (6.0mm to 12.7mm) wide, the width to depth proportion should be equal. ½" Joints wide or greater should have a ½" depth sealer. The joints minimum size is ¼" x ¼".

Product Application

1)Place CREST Boquifom® within the joint by hand or with an applicator. CREST Boquifom® must be installed at a depth such that the top remaining free space equal to the width of the joint.

2)Place on both sides of the joint and all over its length an adhesive paper tape as stain protection of the tile.

3)Clip off tip of spout at a 45° angle to desired size.

4)Load cartridge into caulking gun and apply using steady, even pressure to completely bridge joints.

5)Smooth caulk using wet finger or a damp cloth for a neat appearance.

6) Wipe away excess with a damp cloth before surface skins over.

7)After grouting the installation is necessary to wait 24 hours before allowing foot traffic. If the temperature is below 50°F, wait 48 hours.

8)Protect from water until cured (24 hrs.). May be painted over in 4-6 hours depending on climatic conditions. Larger beads may require longer drying time.

9)For installations that require higher impact ratings and resistance to chemicals and stain, use EpoxyCREST 2020®, 100% solids epoxy grout sanded, available in 5 colors.

Curing

Minimum of 24 hrs. before exposure to water is suggested. Temperature and humidity can affect working time and setting time.

Cleanup

Clean your skin, tools and tile work with warm water and mild soap while the material is not dry.

Storage

Store in a cool dry area.



Protection

Clean your hands after using the product, avoid eye contact, or prolonged contact with the skin, if eye contact occurs, rinse with water for 15 minutes and consult a physician immediately.

Keep out of the reach of children.

IMPORTANT

We are not responsible for any loss or damage caused due to the application of this product. Prior to application, the user mustconfirm whether the product is suitable for their intended use. The user must assume responsibility for the risks or damages arising from an application other than specified.

Summary Technical Chart

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Available:	Champagne, Grey, Black, White Maroon	
Packaging:	10.1 oz. (300 ml) Cartridge	
Shelf Life:	12 months in a cool dry area, in original packing and unopened.	
Tack Free Time	< 60 Minutes	
Installation Temperature:	Between 50/100°F (10/38°C)	
pH:	7 to 10	
Flash Point:	> 200 F°	
Tooling:	Excellent	
Paintability:	Excellent @ 4-6 hrs. drying	
Crack Resistance:	Excellent	
Slump:	< 0.15 mm	
Shrinkage:	< 30%	
Stain Resistant:	Excellent	
Test for mold growth:	Does not support mold growth	
Installations:	Interior and/or exterior	

^{*}Values might vary depending on the tile size, leveling the substrate, conditions and method of installation.

Aproximate Product Coverage

Size	Average Coverage
10.1 oz. (300 ml)	24 lineal ft. (7.3 m) ¼" x ¼" joint

Note:

Average values obtained at $73^{\circ}F \pm 4^{\circ}F$ and relative humidity of $50 \pm 5\%$. Performance may vary depending on the format and size of the trowel to use as the leveling of the substrate.



FLEXIGROUT

Polyurethane- based flexible seal

For walls and floors interiors

Porcelain, glass, mosaics, ceramic tiles and natural stones

*Monterrey and Mexico plants Certified.

Technical Information

For technical support and assistance, please visit our website at www.crest.com.mx
For questions or comments contact technicalservice@crest.com.mx



Crest Headquarters

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Chile Plant

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CREST Boquifom® is a backing material that is inserted into the joint, it is a low-density, closed-cell polyethylene foam cord, specially designed to be placed in expansion or contraction joints, before they are sealed.

Benefits

- · High resistant to compression and cracking
- · Excellent for wet and dry areas
- Ideal for floors and walls (joint widths of 1/8-1/2" [3 to 12 mm])
- Smooth and dense consistency
- · Residential and commercial use
- · Great stability and consistent colors
- Reduces efflorescence

Suitable Tile Types

- · Low density polyethylene foam
- · Very easy to apply
- · Special for expansion and contraction joints
- Crack filling

Suitable Installations

- Joints in ceramic tile and natural stone installations.
- Industrial insulation expansion and contraction joints.
- Horizontal expansion joints.
- · Joints between walls and floors.
- · Joints in concrete walls.
- Filling of fissures.
- Sealing prefabricated panels and cement-board joints.
- · Wooden constructions.

Limitations

CREST Boquifom should not be used in applications where the material is exposed to temperatures above 70°C.

Compatibility

CREST Boquifom® Backer Cord is compatible with butyl, polysulfide, acrylic, polyurethane, silicone, and most cold sealant compounds. The backup cord is also chemically inert and resistant to oil, gasoline and most other solvents. This material does not stain or adhere to sealant materials and does not exude.

Packaging

• 10.5 oz. (310 ml) cartridge, 5 colors

Surface Preparation

The joints in which CREST Boquifom® is going to be used must be completely clean, free of moisture and any other element that makes installation difficult.



Product Application

1)Determine the diameter of the CREST Boquifom® following the instructions in Table 1.

2)Cut the required length of CREST Boquifom® or dispense directly from the roll.

3)Place CREST Boquifom® in the joint at the desired or specified depth, inserting it under pressure.

4)Seal the joint, using CREST Flexigrout®, following the packaging recommendations.

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Store in a cool dry area.

Protection

Clean your hands after using the product, avoid eye contact, or prolonged contact with the skin, if eye contact occurs, rinse with water for 15 minutes and consult a physician immediately.

Keep out of the reach of children.

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Crest Boquifom's size according to joint's width				
Joint's width	Crest Boquifom's diameter			
in.	in.	mm.		
1/8"	1/4"	6.3		
1/4"	3/8"	12.7		
1/2"	5/8"	15.0		
5/8"	3/4"	19.0		
3/4"	7/8"	22.0		
7/8"	1"	25.4		

Presentations and Properties

Water Absorcion 1

Water Absorcion 2

R Value

0 kg/L

Temperatura Range

CREST Boquifom®. Boxes and rolls of variable length depending on the diameter of the material. **Line Presentations** Presentations under special order Length Diameter Diameter Length Box (ft) Roll (ft) Box (ft) 1/4" 6.3 mm 4,000 164 1/2" 12.7 mm 2,500 3/8" 164 5/8" 9.5 mm 2,099 15.0 mm 1,548 **Presentation:** 3/4" 19.0 mm 1,099 7/8" 22.0 mm 850 1" 25.0 mm 597 11/4" 31.0 mm 396 11/22" 38.1 mm 357 Storage: CREST Boquifom® must be protected from exposure to open flame. Performance: For each meter of joint to be treated, one meter of CREST Boquifom® is required. **Physical Properties** Values Method Density 6.5Lb/ft2 ASTM-D-1622 0.7Lb/ft2 **Tensile Strength** ASTM-D-1623 Compression 3.9Lb/in2 ASTM-D-1621 Resistance **Properties:**

0.01oz/in3

0.02% per vol

5°F a 158°F

3.4

ASTM-C-1016

ASTM-C-509

ASTM-C-335-84



VOC:

CREST BOQUIFOM

Polyethylene foam cord

For walls and floors interiors and exterior

Porcelain, glass, mosaics, ceramic tiles and natural stones

*Monterrey and Mexico plants Certified.

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