

# SILICAFLEX

## SHOWER BASE COMPOUND



### DESCRIPTION

SILICAFLEX is a cement and aggregate mix specially formulated for shower bases, and prepared by simply adding water.

#### CARACTERISTICS

- Polymer-fortified.
- Easy to mix (add only water).
- Easy to use.
- Specially made for shower bases.

#### FORMATS

- 22.7 kg (50 lbs) bags – 49 per skid

### TECHNICAL DATA AT 22°C

Pot life	60 minutes
Initial set	24 hours
Final set	28 days
Colour	Grey
VOC level	0 g/L
Coverage	
- 6 mm (1/4")	2.51 m <sup>2</sup> (27 ft <sup>2</sup> )
- 12 mm (1/2")	1.25 m <sup>2</sup> (13.5 ft <sup>2</sup> )
- 19 mm (3/4")	0.83 m <sup>2</sup> (9 ft <sup>2</sup> )
- 25 mm (1")	0.62 m <sup>2</sup> (6.75 ft <sup>2</sup> )

#### SHELF LIFE

12 months following production date. Must be stored in a dry and heated area.

### RECOMMENDED SUBSTRATES

It is always recommended to test the product on a small surface to ensure suitability.

- Concrete cured for 28 days that was not affected by a curing agent
- New cement board underlayment
- New exterior grade plywood (dry indoor area only) as per the TTMAC and TCA standards
- Tiles (see section "Technical notes")
- Leveling covering or cement-based mortar

### TECHNICAL NOTES

- For indoor residential installation only
- For residential installations

### INSTRUCTIONS

#### UNDERLAYMENT

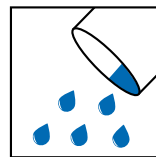
The underlayment is the most important step for a long lasting result. Refer to the "Good supports" technical bulletin on our website. The underlayment must meet the TTMAC and TCA standards.

#### SUBSTRATE PREPARATION



All backing surfaces must be dry, structurally sound, and free of any product (wax, sealant, etc») that may act as bond barriers (in compliance with TTMAC and TCA industry standards).

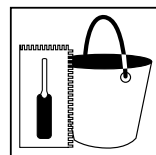
#### MIX



In a clean container, pour water and gradually add SILICAFLEX. Mix slowly to obtain a homogeneous and smooth consistency. Let sit for 10 minutes and mix again, but do not add water, latex additive or powder. During use, mix the mortar periodically, but do not add water.

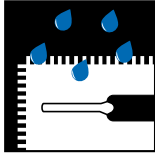
**Ratio: Approximately 3.3 L of water per 22.7 kg of powder  
(powder/water : 4 for 1)**

#### APPLICATION



Spread the mortar with the flat side of a trowel. Level to obtain a smooth surface that slopes slightly towards the drain. Do not apply more the 4" thick of mortar.

## CLEANING



Clean tools with water while the product is still fresh.

## CURING



Let cure for at least 24 hours at 22°C. Note that the lower the temperature, the longer the drying time. Never try to accelerate drying. Light circulation is allowed after 24 hours. Hardening will be complete after 28 days. The material must be completely dry before applying an adhesive.

## MAINTENANCE

No particular maintenance is required given the nature of this product.

## LIMITATIONS

- For indoor installation only.
- Do not apply at temperature below 10°C (50°F) or above 35°C (95°F).
- Do not leave uncovered or exposed.
- Do not use over pressed wood, particle board, masonite, lauan or asbestos board, or other similar materials.
- Do not apply more than 4" thick of mortar.

## WARRANTY

The product is guaranteed for a period of 5 years for an indoor installation. See "Warranty" on the website for more details.

## LEED



Leadership in Energy & Environmental Design (LEED) is a green building rating system that plans, develops, compares and certifies sustainable buildings around the planet. The Canada Green Building Council certifies the project in terms of total points obtained after verifications and an examination of the documentation submitted by the design and construction teams. Ceraflex can help to achieve the following credits.

### INDOOR ENVIRONMENTAL QUALITY:

- IEQ Credit 3.2 option 3 - Reduce indoor air quality problems
- IEQ Credit 4.1 - Low Emitting Materials
- IEQ Credit 4.3 - Low Emitting Materials - Flooring systems

### MATERIALS AND RESOURCES:

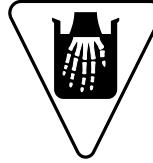
- MR Credit 5.1 - 10% extracted and manufactured regionally
- MR Credit 5.2 - 20% extracted and manufactured regionally

Refer to the PROFIX website for letters of certification.

## LIABILITY

Before using, the user shall determine the suitability of this product for its intended use and the user alone shall assume all risks and liabilities in connection therewith. La Margna Inc. shall not accept any liability for any damage, loss or prejudice resulting from the direct or indirect use of our product in non-compliance to our specifications. • April 1, 2012

## CAUTION



This product contains cement and silica that can irritate skin and eyes. Avoid prolonged contact with skin. In case of contact with eyes, rinse thoroughly with water. If ingested, do not force vomiting, but rather drink lots of water. If irritation persists, seek medical attention.

- Keep out of reach of children.
- Warning : corrosive.
- Safety glasses and gloves are recommended to avoid any contact with eyes or skin.

## HEALTH AND SAFETY

Refer to the MSDS on our website for handling recommendations.

## TECHNICAL SUPPORT

For questions, please contact our customer service PROFIX toll free: 1-800-463-6850 or [info@profixsystems.com](mailto:info@profixsystems.com).

PROFIX is a registered trademark.

LA MARGNA INC.

412, Saint-Sacrement, Quebec (Quebec) G1N 3Y3 CANADA

T (418) 688-8286

F (418) 688-2070

[www.profixsystems.com](http://www.profixsystems.com)

## LEXICON

### POT LIFE

Maximum time the product can stay in the pail and remain usable. After this time, the product will be difficult to use and start to dry, making your work more difficult and the product much less effective.

### OPEN TIME

Maximum time you have to install your tiles once the mortar has been applied to the subfloor. After this time, a film will appear over the surface of the mortar and progressively reduce its grip. It is therefore recommended NOT to install tiles on mortar that has been applied for longer than the maximum time indicated.

### INITIAL SET

Maximum time recommended before allowing light circulation (e.g. the weight of one person) over the surface. Before that time, no circulation should be allowed.

### FINAL SET

Product's final set time.

### SHEAR STRENGTH

Mortar strength in psi.