

# FLEX 24

## 24 HOUR SELF-LEVELER



RECOMMENDED  
FOR FLOOR WARMING

### DESCRIPTION

FLEX 24 is a fast-setting, hydraulic cement and polymer resin-based self-leveling compound for interior floors. When mixed with water, FLEX 24 becomes a fluid material that will seek its own level, producing a smooth and durable surface. It is mandatory to apply the specialty primer PX PRIMER before applying the FLEX 24. Refer to the PX PRIMER data sheet for more information on its application.

### CARACTERISTICS

- Extremely fluid
- Each coat can be applied up to a thickness of 24 mm (1")
- Polymer fortified
- Easy to mix (simply add water)
- Free-flowing
- Compatible with most adhesives

### FORMATS

- 22.7 kg (50 lbs) – 49 per skid

### TECHNICAL DATA AT 22°C

Pot life	10 minutes
Initial set	24 hours
Final set	28 days
Compression force (ASTM C109)	7 days – 1800 psi 28 days – 3000psi
Colour	Grey
Coverage	<b>22.7 kg cover</b> 100 ft <sup>2</sup> at 1/16" thickness 50 ft <sup>2</sup> at 1/8" thickness 25 ft <sup>2</sup> at 1/4" thickness 12 ft <sup>2</sup> at 1/2" thickness 30 ft <sup>2</sup> at 3/16" thickness 6 ft <sup>2</sup> at 1" thickness
VOC level	0 g/L

### SHELF LIFE

12 months following production date (stored in a dry and heated area).

### RECOMMENDED FLOOR COVERINGS

FLEX 24's smooth finish is well-suited for all types of floor coverings.

- Ceramic tiles
- Carpets
- Linoleum
- Stone
- Vinyl tiles
- Wood parquet

### RECOMMENDED SUBSTRATES

It is always recommended to test on a small surface to ensure suitability of coverings. FLEX 24 is recommended for the installation of floor warming systems. Before using FLEX 24, PX PRIMER must previously have been applied on all surfaces to be levelled.

- 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

## TECHNICAL NOTES

- Avoid any circulation for 24 hours.
- It is highly recommended to pour FLEX 24 as soon as the mix is complete and to work in a continuous manner.
- Expansion joints: do not cover joints with mortar.
- For ceramic tiles, terrazzo, vinyl tiles or old cutback adhesive levelling, scrape the surface completely, apply a thin coat of PX PRIMER and let cure. Use FLEX 24 when surface is dry.
- If a second coat is necessary to obtain a thickness of 2 inches, the second coat should be applied as soon as the first one is dry enough to walk on (approximately 24 hours).
- FLEX 24 maintains its self-levelling properties for 10 minutes at 23°C (73°F), and the thickness of each coat can vary from very thin to 2.5 cm (1").
- Provide for expansion and control joints where specified, including the perimeter of the room, columns, supports and equipment pedestals.
- FLEX 24 is recommended for covering your electric floor heating systems. Once your floor heating system is installed, it is recommended that you cover the entire surface with PX PRIMER, followed by FLEX 24 to cover the system.
- Floor coverings such as carpet, vinyl sheets, vinyl tile, vinyl composition tile (VCT) can be installed 24 hours after application.

## INSTRUCTIONS

### UNDERLAYMENT

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

### SUBSTRATE PREPARATION



All backing surfaces must be structurally sound, dry, clean and free of dirt, oil, grease, paint, wax, curing agent or other deleterious substances, which may act as bond barriers. Surfaces that were previously in contact with one of these substances must be sanded, smoothed, stripped or scarified. They must also be treated with PX PRIMER. It is your responsibility to make sure

that the surface is ready to be covered with self-leveller.

### MIX



Pour 5.7 L of water into a clean container. Add 22.7 kg of FLEX 24. Mix until a homogeneous, creamy (almost liquid), lump free paste is obtained.

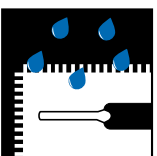
**Ratio: Approximately 5.7 L of water per 22.7 kg of powder (powder/water : 3 for 1)**

### APPLICATION



Pour the entire content on the surface to be levelled as soon as possible. In the corners of the rooms, spread with a squeegee or finishing trowel. As this is a self-levelling underlayment, no smoothing is required. It is recommended that you organize your work in such a way that the product can be applied in a continuous manner.

### CLEANING



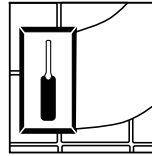
Promptly clean tools with water material is still fresh.

## CURING



Let cure at least 24 hours at 22°C. Light circulation is allowed after that time. Be advised that the lower the temperature is, the longer the drying time will be. Never try to accelerate drying time. Once the 24 hours period has passed, you may begin your tile installation.

## MAINTENANCE



Based on the nature of this product, no particular maintenance is required. To complete your work, use PROFIX grout and mortar.

## LIMITATIONS

- For indoor use only.
- The temperature should be maintained minimally at 10°C for 28 days to allow the cement to reach its final and complete cure, and the refore, all its strength.
- Do not use over pressed wood, particle board, masonite, lauan, asbestos board or similar unsuitable materials.
- Do not install over painted or gypsum-based surfaces.
- The PX PRIMER must be applied and dry before pouring the FLEX 24.
- Do not use over a surface that must stay exposed without floor coverings.
- Never mix with cement or additives.

## WARRANTY

This product is guaranteed for 5 years. If the product is used on a heating cable, it is guaranteed for a period of 5 years. See "warranty" on the website for more details.

## LEED



Leadership in Energy & Environmental Design (LEED) is a rating system for green building designs, operates, compares and certifies sustainable buildings around the world. The Green Building Council of Canada certifies the project based on the total of points obtained in an audits and review of documentation submitted by the design team and construction.

### 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 4.1 - 7.5% of recycled content
- MR Credit 4.2 - 15% of recycled content

Refer to the PROFIX website for letters of certification.

## 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.

## 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.

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## LEXIQUE

### 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

Minimum 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.

### 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