

# NIVEX

## FAST-SETTING, SELF-LEVELER



RECOMMENDED  
FOR FLOOR WARMING

### DESCRIPTION

NIVEX is a fast-setting, hydraulic cement and polymer resin-based self-leveling compound for interior floors. When mixed with water, NIVEX becomes a fluid material that will seek its own level, producing a smooth and durable surface. NIVEX offers an excellent adhesion over new concrete without curing agent or other contaminants and on new exterior grade plywood.

### CHARACTERISTICS

- Extremely fluid
- Each coat can be applied up to a thickness of 24 mm (1")
- Fast-setting
- Polymer-fortified
- Free-flowing; eliminates sanding and trowelling
- Compatible with most adhesives

### FORMATS

- 4.5 kg (10 lbs) box – 4 per box
- 22.7kg (50 lbs) bag – 49 per skid

### TECHNICAL DATA AT 22°C

Pot life	10 minutes
Initial set	3 hours
Final set	28 days
Compression force (ASTM C109)	7 days – 2000 psi 28 days – 4500 psi
Colour	Grey
Coverage	22.7 kg cover 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. Must be stored in a dry and heated area.

### RECOMMENDED FLOOR COVERINGS

NIVEX'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. PX PRIMER is recommended when installation NIVEX over floor warming systems. NIVEX can be used without primer over the following substrates, only if they are new and contain no deleterious substances that may act as a bond barrier. In any other circumstances, a primer (PX PRIMER) should be used. Refer to the technical data sheet of PX PRIMER for information related to the application of the primer.

- 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 2 to 4 hours.
- It is highly recommended to pour NIVEX 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 scrape the surface and apply a thin coat of PX PRIMER or use MEGAPRIME 700 and let cure. Use NIVEX 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 12 hours).
- Nivex maintains its self-leveling 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.
- 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 supports" 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 be sure

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

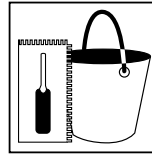
### MIX



Pour 5.7 L of water into a clean container. Add 22.7 kg of NIVEX. Mix until an 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)**

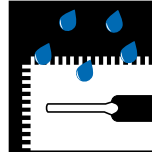
## APPLICATION



Use recommended notched trowel with enough depth (1/4" x 3/8") to ensure sufficient contact between the mortar and the back of the tile. Pour the entire content on the surface to be leveled as soon as possible. In the corners of the rooms, spread with a squeegee or finishing trowel. As this is a selflevelling underlayment, no smoothing is required. It is recommended that your

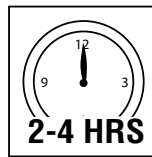
work is organized in such a way that the product can be applied in a continuous manner.

## CLEANING



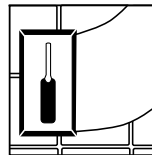
Promptly clean tools with water while material is still fresh.

## CURING



Let cure at least 2 hours at 22°C. Light circulation is allowed after 2 hours. NIVEX will continue to dry and reach excellent solidity after 4 hours. Be advised that the lower the temperature is, the longer the drying time will be. Never try to accelerate drying time. Once the 2-hours period has passed, you may begin your tile installation.

## ENTRETIEN



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 therefore, 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.
- Extremely porous concrete must be treated with PX PRIMER to promote adherence.
- Do not use over a surface that will stay exposed without floor coverings.
- Never mix with cement or additives.

## WARRANTY

The product is guaranteed for a period of 10 years for an indoor installation. If the product is used on a heating cable, it is guaranteed for a period of 10 years. 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 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