

## DESCRIPTION

PROFIX has developed an innovative water based three component epoxy system which allows for easy manipulation while mixing and cleaning without losing the advantages provided by traditional epoxy grout systems. With this new technology PROFIX has made the use of epoxy a much less laborious task by allowing the application and cleaning to be comparable to standard grouts. The unit is composed of Resin "A", a hardener Resin "B" and the necessary pigmented powder to obtain a creamy mixture. Use POLY 700 when there is a need for high resistance against stains, chemical products, and impacts. Meets or exceeds ANSI 118.3 standards.

## CHARACTERISTICS

- Specially formulated for the easiest installation and cleaning.
- Low level of VOC, less allergenic.
- Faint odour.
- Once the work is done, the grout colour is consistent and accurate.
- Available in 30 different colours.
- High resistance to chemical products, water and stain.

## TECHNICAL DATA @ 22 C

Meets or exceeds standard norms:  
ANSI A118.3

Pot life	45-60 minutes
Open time	15 minutes
Initial set	24 hours
Final set	28 days
Compression force	3000 psi (28 days)
Circulation	
Light	12 hours
Normal	24 hours
Heavy	72 hours
Shower	72 hours

## FORMATS

1kg unit - 700g of powder including 150 ml of part "A" and "B"  
5kg unit - 3.5kg of powder including 750 ml of part "A" and 750 ml of part "B".

## TILE AND STONE INSTALLATION SYSTEMS

- Self-levelling
- Thinset mortar
- Adhesive
- Cement grout
- Water-based epoxy grout
- Waterproofing
- Acoustic adhesive
- Sealers
- Cleaners
- Strippers
- Colorants



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## How to use water based epoxy



## PROFIX COMMITMENT



La Margna Inc., as the exclusive manufacturer of PROFIX tile and stone installation products and PROTHERM radiant floor systems, is committed to offering you superior quality products that meet or surpass industry standards which are established by the "Terrazzo, Tile & Marble Association of Canada" (TTMAC) and by the "Tile Council of North America" (TCA).

Using strict quality control standards in our production, we ensure that you get the very best products for the best results possible. Furthermore, thanks to our research & development laboratory and a qualified research team, La Margna inc. is constantly refining its technology to offer the best performance at the best price.

All PROFIX products are guaranteed to offer optimum performance when they are used during installations that conform to the standards established by the TTMAC, TCA and La Margna.

La Margna inc. stands by its products and offers excellent technical support for your projects, with complete products specifications and installation techniques. No matter the size of your project, whether you are an architect, store owner or contractor, the PROFIX team is available for you. So don't hesitate to contact our PROFIX technical support service. Trust PROFIX products for excellent long lasting results.

We thank you for choosing PROFIX quality products for your next project.

## HOW TO APPLY WATER BASED EPOXY?

Epoxy has a bad reputation when comes the time to install it. PROFIX has developed a new water based system providing all the benefices of an epoxy grout with the easiness to install cement grout. Let's find out how...



### Step 1

It is recommended to wear latex gloves due to the fact that resins and the powder might be corrosive and allergen. Additional tools are required : a hard rubber float for epoxy, a clean bucket and a thick sponge. Warning: Pot life of the epoxy varies with the temperature (refer to the technical

bulletin for that purpose). Your labor has to respect this constraint. Pot life: 32°C = 45 minutes, 22°C = 60 minutes, 10°C = 90 minutes.



### Step 2

Before starting, we suggest to use 1kg pails when working alone and 5kg pails when team working. Time factor is very important to respect. Mix both resins thoroughly in a clean bucket. Add the required powder and mix to form a heavy paste. Please ensure that epoxy is completely used. To do this,

once the epoxy container has been emptied, screw cap back on and turn container upside down. Wait until all the epoxy has slid into the cap, then empty cap into mixture. Use a slow speed mechanical mixer (less than 150 RPM) for large batches to prevent air entrapment. We do not recommend dividing a mix due to the fact that proportions are vital for the products. Complete usage of the hardening powder and the resin procur an optimal mix.



### Step 3

It is suggested to accomplish steps 3,4 and 5 successively, a confined job space at a time (5-10 sq. feet). Fill the joints immediately by using a hard rubber epoxy float. Work the grout in diagonally (45°) to the tile line. Avoid creating air pockets in the joints. For walls and ceilings: It is recommended

to let the mix sit for 10 minutes. The epoxy will be more consistent and easier to install on walls / ceilings.



### Step 4

Immediately following step 3. Remove the excess grout on the surface of the tiles by scraping the float at a 45° to the joint direction and at a 90° to the floor. Remove as much excess grout as possible to facilitate cleaning.



### Step 5

Once the steps 3 and 4 are done, it is suggested to immediately clean the surface. Use a strong thick sponge soaked in room temperature water. Thoroughly wring out the sponge and delicately wipe the surface of the tiles clean. Rinse the sponge often. When cleaning, do not use excess

water on the tiles. Let dry. Wipe the tiles using a dry cloth. It is preferable to clean the epoxy film 10 minutes following the beginning of step 3.



### Step 6

Let dry. Wipe the tiles using a dry cloth. After the installation, wash your tools with warm water. Protect joints from stains and dust for the next 24 hours. Any residual epoxy film may be removed using PX 524 Epoxy Film Cleaner. Light circulation after 24 hours is allowed. Epoxy anti-stain properties will be effective 10 days after installation. During this period, protect your joints from stains and other messes.

## 30 DIFFERENT COLOURS

