

# VERTIFIX

## TYPE 1 ECONOMIC WALL ADHESIVE

# PROFIX



**VERTIFIX meets or exceeds standard norm\*:**

### ANSI

- Type 1 ANSI A136.1



\* See lexicon at the end

### Description

VERTIFIX – Type 1 is a white, non-flammable, latex-based adhesive for the installation of all types of tiles. VERTIFIX provides excellent adhesion and workability. For interior installation of ceramic, slate, marble, stone, and granite on walls and floors (low traffic areas). Can be used for tub surrounds and shower walls when requirements do not exceed ANSI A136.1, Type 1.

Must be used by professionals. Set is faster and requires more dexterity from the fitter. Not recommended for beginners.

### Characteristics

- Easy to install on walls
- When installed, the paste will create suction to facilitate tile installation on a vertical area
- All-in-one adhesive, nothing to add
- Low VOC level – ecological
- Faint odour

### Formats

13,25 L pail – 36 per skid

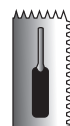


### Technical data @ 22°C

Pot life	2 hours
Open time	30-45 minutes
Initial set	24-48 hours
Final set	28 days
Color	White
Slippage	None
PH	8.5
VOC content	22 g/L

### COVERAGE\*

(3/16 V trowel)



13.5 L cover:

_____	175 ft <sup>2</sup>	_____
_____		_____
_____		_____
_____		_____
_____		_____

Using an organic adhesive (mastic)

For wall tiles up to 8" x 8" (200 mm x 200 mm), use a 3/16" V-notched trowel.

### Shelf life

VERTIFIX: 12 months following production date (stored in a dry and heated area). Protect container from freezing during transport and storage. This product is freeze/thaw-stable at temperatures down to 0°F (-18°C). If this material is frozen, do not stir until it has completely thawed. Moisture will reduce the shelf life of the product.

## Recommended substrates

Test on a small surface first to ensure suitability of coverings.

Cured concrete



Exterior grade plywood (interior dry areas only)



Masonry blocks



Existing bricks



Cement backer-board



Gypsum wallboard (primed only with latex)



## Technical notes

- Expansion joints: do not cover the joints with mastic.
- Ideally, adhesive residues and vinyl tiles must be removed from the surface, which must then be thoroughly cleaned. Although the adhesive will bond to adhesive residues and non-cushioned vinyl tiles, it is unknown for how long. The results can therefore not be guaranteed.
- Do not use on walls when tiles are over 8" x 8". Use adhesive cement.
- Some natural stones require specific methods of installation. Verify with your retailer.
- For indoor use only.
- Do not apply over waterproofing membranes.
- Do not use in pools.
- When installing over existing tiles, you have to make sure that these are properly fixed in place and that they are sufficiently porous.

## 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 TTMAC and TCA standards.

### Substrate preparation



All backing surfaces must be structurally sound, dry and free of any deleterious substances (wax, sealer, etc.), which may act as bond barriers (in accordance with industry standards outlined by the TTMAC and the TCA).

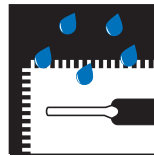
### Mix

No mixing required – ready to use.

### Application

Maintain work area at 10°C (50°F) for at least 72 hours. Apply a sufficient quantity of adhesive with a notched trowel to provide 85% contact with the back of the tile. Do not use more adhesive than can be spread before it starts to skin. If skinning occurs, scrape off and apply fresh adhesive. Press tiles into place with a slight twisting motion and immediately adjust for correct alignment and joint spacing. While still wet, clean adhesive off surface of tiles with a damp cloth.

### Cleaning



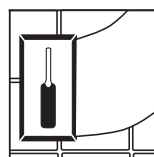
Promptly clean tools with water while material is still fresh.

### Curing



Let cure for at least 24 hours (walls/absorbent tiles) to 72 hours (floors non-absorbent tiles) before grouting.

### Maintenance



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

For grouting, use PROFIX POLY 600 unsanded grout, PROFIX POLY 500 sanded grout or POLY 700 epoxy stain resistant grout.

## Limitations

- Do not use over pressed wood, agglomerates, particle board, asbestos board, or other similar materials.
- Do not use at temperatures below 10°C or above 40°C (below 50°F or above 100°F).
- Do not use outdoor or in continuously wet areas (pools, fountains, whirlpools, reservoirs).
- Avoid freezing.
- Do not use for heavy-duty commercial or industrial applications.
- Protect from impact, vibration and hammering on adjacent and opposite walls for at least 14 days after installation.

## Warranty

The product is guaranteed for a period of 5 years for an indoor installation. In this case, the warranty can be extended to 10 years if you meet certain conditions. 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. VERTIFIX 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

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.

## Health and Safety

Refer to the MSDS on our website for handling recommendations.

## Technical support

Questions? Call the PROFIX customer care team toll-free at: 1-800-463-6850 or e-mail us at: [info@profixsystems.com](mailto:info@profixsystems.com)

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## 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:** 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.

**Shear strength:** Mortar strength in psi.

### DRAFT ISO 13007 (TO COME):

ISO 13007 is essentially a combination of European, British and American ceramic tile adhesive Standards.

Adhesive type symbols:

**C** means it is a cementitious adhesive containing cement, aggregates and organic additives. The adhesive needs to be mixed with water or a liquid admix just before use.

**D** means it is a dispersion adhesive. Dispersion means it is a pre-mixed, ready to use adhesive made from water based polymer with organic additives and mineral fillers.

**R** means it is a reaction resin adhesive containing synthetic resin, mineral fillers and organic additives. The adhesive cures by chemical reaction.

Adhesive performance symbols:

**1** means the adhesive has passed the minimum pass level tests that are mandatory for that adhesive type.

**2** means the adhesive has passed the same tests as 1 and/or other applicable tests, but at higher pass levels.

**F** means the adhesive has met the requirements for a fast setting adhesive.

**T** means the adhesive has met the requirements for a slip resistant adhesive.

**E** means the adhesive has met the requirements for extended open time.

### ANSI:

Organic Adhesive (ANSI A136.1-1999): A ready to use paste consistency adhesive in which the binder is an organic composition. They are normally either solvent based or water based adhesives and cure by evaporation. For use on interior surfaces only where temperatures do not exceed 50°C. Not to be used for applications involving immersion in water. Water resistance and bond strength vary depending on type of product. Organic adhesives may require an extended cure period when used for large tile and are not recommended for use on floors.

### CGSB:

Meets or exceeds standard norm ONGC 71-GP-30 M type 2 of «Canadian General Standards Board».

## 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.

May 18th, 2010