

1. PRODUCT NAME

Liquid Latex

2. MANUFACTURER

PROFLEX® Products, Inc.
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3. PRODUCT DESCRIPTION

PROFLEX® Liquid Latex Additive is a latex based product designed to improve the properties of non-modified thin-sets, mortar beds, and grouts. The latex additive improves workability, increases bond strength, improves flexibility, adhesion, impact strength and freeze thaw resistance of mortars and grouts. PROFLEX® Liquid Latex Additive can be used with thin-set, thick bed mortars, leveling beds for ceramic tile, terrazzo and other thin applications where bonding is difficult. May also be used as a bonding agent for patching compounds and to treat dusting slabs for improved adhesion of flooring adhesives.

Advantages

- Improved adhesion to both old and new surfaces.
- Helps reduce dusting, cracking and spalling of tile grout joints
- Improved resilience for thermal movement
- Improved chemical resistance of grout joints
- Improved resistance to water infiltration
- Bonding agent for adhesives

Suitable Substrates

- Concrete
- Cement Boards
- Cement Terrazzo
- Gypsum Concrete

*Contact technical support for additional information.

Shelf Life, Storage and Clean-up

12 months, rotate stock, store between 45° F to 90° F, in a dry area. Protect from freezing. Store in original, tightly sealed containers. Clean-up wet product with a damp cloth, dried product may be scraped up or cleaned with mineral spirits.

Product Limitations

All installations should be done in compliance with TCNA, NWFA, or RFCI guidelines, and all manufacturers component instructions for installation methods. All substrates shall be clean, dry, and free from dirt, oil, loose paint, sealers, or other curing compounds.

Packaging

Quantity	Description
1	1 US Gallon (3.785 LITERS) PROFLEX Liquid Latex, 4 Gallons per Carton
1	5 US Gallons (18.927 LITERS) PROFLEX Liquid Latex, 36 Containers per Pallet

4. TECHNICAL DATA

Physical & Technical Data

Bond Strength (in shear)	> 350 psi
Compressive Strength	> 4000 psi
Water Absorption	> 3.5%
Fire Rating	Non-flammable
Water Phase	No solvents

5. INSTALLATION

As an additive:

In a clean container, pour in 2-2.5 gallons of latex liquid.

Add 50 lbs of dry-set powder (premix all dry ingredients prior to immersion into latex).

Use a low speed mixer (300 RPM) Avoid over mixing, as this will decrease the pot life. Mix thoroughly to achieve a homogenous and smooth consistency. Let product stand for 10-15 minutes. Stir product again without adding and more liquid or dry goods.

When used as an additive for underlayments 1/4" or more in thickness, use Portland cement and clean plaster sand in a ratio of 3 parts sand to 1 part cement. Use Proflex latex in place of water.

For thinner applications (to a feather edge), substitute fine silica 30-130 mesh for plaster sand. Thin applications usually require 2-2.5 gallons of latex for each 50 lb sack of cement.

Thick bed installations will require less liquid to make a trowelable mix.

For these drier mixes, apply a wet slurry of latex and neat cement just prior to application to insure a good bond.

As a bonding agent over Porous Concrete and Gypsum Substrates:

Apply product undiluted directly to surface using brush, roller or sprayer. Application rate will vary depending upon the substrate porosity, but should be 150-250 SF/gallon. Allow to dry, usually 2-4 hours, and then begin adhesive application.

6. AVAILABILITY

PROFLEX® Products are available nationwide.

To locate PROFLEX® products in your area, please contact:

Phone: 877-577-6353

Website: www.proflex.us

7. WARRANTY

Since the specific use of this product is beyond the control of the seller. Liability of the seller will be limited to the replacement cost of this product only for six months after the date of purchase.

8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature: To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9