

## 1. PRODUCT NAME

PS22 (Pro-Stick 22)

## 2. MANUFACTURER

PROFLEX® Products, Inc.  
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Haines City, FL 33844  
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## 3. PRODUCT DESCRIPTION

PROFLEX® PRO-STICK 22 is a unsanded thin set mortar used to set non-absorptive (vitreous or semi-vitreous) tiles for interior or exterior use. When mixed with water it provides a suitable bond coat to adhere tile to plaster, concrete, and masonry surfaces. For added performance, PROFLEX® Liquid Latex Additive may be mixed with dry set mortar. With the addition of Liquid Latex Additive, PRO-STICK 22 may be applied over exterior grade plywood and PROFLEX® membranes.

### Advantages

- Ready to use formulation.
- Long working and adjusting time.
- Meets ANSI A118.1 and A108.5 specifications.

### Coverage

20 lb. bag covers approximately: 40 sq. ft. with a 1/4" x 1/4" notch trowel. Maximum recommended trowel size 1/4" x 3/8"

### Packaging

20 lb. bag, 96 bags per pallet.

### Caution and Limitations

**Caution:** This material contains portland cement. Avoid dusty conditions and breathing dust. Wear OSHA approved dust masks. Avoid all contact with skin and eyes. Wear gloves and eye protection.

PRO-STICK 22 is designed to set absorptive and non-absorptive (vitreous, semi-vitreous, and non vitreous) tile for interior or exterior use. For setting non-absorptive floor tile, absorptive wall tile, it is recommended to use PROFLEX® PRO-STICK 42 sanded thin set mortar. Maximum recommended trowel size for use with PRO-STICK 22 is a 1/4" x 3/8" notch trowel. For added performance, PROFLEX® Latex Mortar Additive can be mixed with PRO-STICK 22 dry set mortar. PS22 may not be used to adhere tile to asphalt, vinyl, particle or luan board, plastic, glass, metal, or other unsuitable surfaces. Do not apply if temperatures are below 40°F with a 48 hour period.

## 4. TECHNICAL DATA

### Typical Performance Properties

Shear Strength	7 days (psi)	28 days (psi)
Quarry Tile	200-225	350-375
Mosaic Tile	200-225	300-325
Glazed Wall Tile	300-325	400-425
Compressive Strength	3,500 - 4,000	5,000 - 5,500
Adjustability	15 - 20 minutes	
Open Time	75 - 90 minutes	
Final Set	8 - 12 hours	

## 5. INSTALLATION

### **Surface Preparation**

Surfaces to receive PRO-STICK 22 must be clean and dry. Coatings, sealers, curing agents, and loose material must be removed prior to installation. All substrates must be secure and stable.

### **Mixing**

Add PRO-STICK 22 to water or PROFLEX® Latex Mortar Additive and mix to a thick trowelable consistency. Mix at low speed to avoid entraining excess air into the material. Let the material slake for 10 minutes and remix prior to use. Do not add additional water to retemper material.

### **Application**

Scratch in a small amount of material onto substrate to insure proper bond, then apply additional material with a suitable trowel. It is important when adhering marble and granite that 100% coverage is obtained. Set the tile in the material with enough force to insure 100% contact and twist tile slightly. Ten minutes after the tile is set do not adjust, move, or put pressure on the tile. Only spread enough material that can be covered with tile within 15 minutes. Remove unhardened mortar with water. Once mixes, mortar can be used for up to 4 hours.

## 6. AVAILABILITY

PROFLEX® Products are available nationwide.

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

Phone: 877-577-6353

Website: [www.proflex.us](http://www.proflex.us)

## 7. WARRANTY

PROFLEX® Products, Inc. offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical services at 877-577-6353 or visiting [www.proflex.us](http://www.proflex.us)

## 8. MAINTENANCE

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

## 9. TECHNICAL SERVICES

Technical assistance

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](http://www.proflex.us)

## 10. FILING SYSTEM

Division 9