

1. PRODUCT NAME

PS25 (Pro-Stick 25)

2. MANUFACTURER

PROFLEX® Products, Inc.
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3. PRODUCT DESCRIPTION

PRO-STICK 25 is an non-modified thin-set mortar intended for the installation of ceramic, pavers, and quarry tile when mixed with water. PRO-STICK is also intended for the installation of ceramic and porcelain tile, quarry tile, pavers, and most types of marble, granite and natural stone when mixed with PROFLEX® Liquid Latex. PRO-STICK 25 may be used in vertical and horizontal installations in interior and exterior applications. PRO-STICK 25 will meet and exceed ANSI A118.1 when mixed with water.



Uses

- Can be used over plywood substrates when mixed with PROFLEX® Liquid Latex
- Most interior/exterior residential installations on floors when mixed with water
- Most interior/exterior residential and light commercial floor installations when mixed with PROFLEX® Liquid Latex

Advantages

- Excellent for PROFLEX® UCM and HYDRAMAT®
- Excellent adhesion to both substrate and tile
- Meets ANSI A118.1 specifications
- High Portland Content

Suitable Substrates

- Cured, dry concrete
- Cured cement mortar beds
- Dry cement plaster
- Masonry concrete and brick
- Cementitious backer units (CBU) and glass mat backerboard
- Gypsum wallboard (interior dry areas only)
- Water resistant gypsum wallboard (i.e. greenboard, interior walls only, dry intermittent water exposure only)
- Plywood substrates when mixed with PROFLEX® Liquid Latex

Limitations

- Not for installing green marble, other moisture sensitive stone tile or resin backed marble; use an epoxy mortar. For non-green marble tile applications, use white thin-set mortar.
- Not for use over rubber, strip wood floors, oriented strand board, particle board. May only go over plywood when mixed with PROFLEX® Liquid Latex to meet the ANSI A118.11 standard.
- Do not use with vinyl composition tile, asphalt tile, linoleum or non-cushioned vinyl sheet goods.
- Do not use over adhesive residue.
- Do not cover expansion and control joints. The joints should be brought through the tile work and filled with a flexible sealant. (Refer to ANSI Specification AN-3.7 or Tile Council of North America (TCNA) handbook for details.)
- Certain natural stone tiles may be affected by mortar shadowing or staining. Test a small area prior to use to determine suitability.

Shelf Life

12 months when stored in original unopened packaging in a dry area at 60-80°F.

Coverage

Coverage will vary with conditions of substrate. Required trowel size will vary with the tile size, type, and substrate uniformity. Select the trowel size that will ensure 100% coverage. Figures below are presented only as guidelines.

1/4" x 1/4" x 1/4" Square Notch, 75-95 sq. ft. per 50# bag

1/4" x 3/8" x 1/4" Square Notch, 50-60 sq. ft. per 50# bag

Coverages are based on 50 lb. bag.

Packaging

50 lb. bag, 56 bags per pallet.

Caution

Eye and skin irritant. Read all precautions and instructions prior to using. Avoid inhalation of product. Keep out of reach of children and pets.

4. TECHNICAL DATA

N/A

5. INSTALLATION**Surface Preparation**

Surfaces to receive PRO-STICK 25 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.

For applications using exterior grade plywood, mix with PROFLEX® Liquid Latex. A gap of 1/8" must be maintained between sheets. Wood flooring must be a minimum of one inch thick APA plywood. Deflection of the plywood substrate due to live or dead loads must not exceed 1/360 of the span. Increased thickness and strengthening of the subfloor may be required. Applications using exterior grade plywood are for interior uses not subjected to water. Plywood must be Group One, Exterior Grade, CC or better and must be installed in accordance to TCNA F150. Visit www.proflex.us for more subfloor preparation information.

Mixing

In a clean mixing container add approximately 5½ to 6½ quarts of clean potable water 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 re-temper material.

Application

Refer to ANSI A108.5 and TCNA specifications for installation guidelines. Using the flat edge of the trowel, apply a thin coat of mortar pressing firmly to work the material into the substrate. Add additional mortar and comb using the notched side of the trowel and a 45-degree angle to achieve an even bed of mortar. Use the proper sized notched trowel to insure full coverage and transfer under the tile. Back buttering of large tile, marble or granite tile for exterior installations as well as commercial floor and shower applications may be necessary to achieve maximum mortar contact. Refer to ANSI specifications and TCNA guidelines to achieve maximum mortar coverage. Spread only an area that can be tiled while surface is still tacky (typically 20-30 minutes). Press tiles into setting bed, then push in a direction perpendicular to the notched trowel ridges to achieve optimum coverage. To check mortar for complete transfer, periodically remove a tile and inspect back for complete coverage of the adhesive. If the transfer is minimal and the mortar has skinned over, remove and replace with fresh mortar. Clean joints, tile work, and tools while the mortar is still fish. Do not walk on or grout for at least 24 hours for thin-set applications. Protect wall installations from heavy impact and vibrations for at least 2 weeks.

Grouting

Allow the tile installation to cure 24 hours at 70°F (21°C) before grouting and light traffic. Cure time will depend upon temperature and jobsite conditions.

Clean-Up

Clean tools, hands, and excess materials from face of tile, while mortar is still fresh, with warm soapy water.

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

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

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

10. FILING SYSTEM

Division 9