PROFLEX®

PRO-STICK 42

11-24-25

1. PRODUCT NAME

PRO-STICK 42

2. MANUFACTURER

PROFLEX® Products, Inc.
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3. PRODUCT DESCRIPTION

PROFLEX® PRO-STICK 42 is a polymer modified thin set mortar, it has superior performance and workability characteristics not found in regular thin set mortars, along with an extended open time. When mixed, it produces a creamy, easy-to-spread mortar specially developed for the professional tile setter. For commercial and residential use.

Uses

For installation of:

- Ceramic tile
- Pavers
- Quarry tile
- Porcelain tile
- Clay bodied tile
- High bottom lugged tile
- Marble
- Granite
- Mosaic
- Large format tiles
- Vertical tile installations up to 5lbs per sq.ft.

For installation of Suitable Substrates:

- Tile backer board
- Plumb and true masonry
- Properly cured and finished concrete
- Gypsum plaster
- Gypsum block or board (dry areas-walls only)
- Cured Portland cement mortar
- Exterior grade plywood
- Plastic laminates
- Masonry surfaces

Advantages

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- Ready to mix product without need for additives, high strength for a variety of bonding applications. Extended open and working time.
- Exceeds ANSI A118.4, ANSI A118.11.

Coverage

Coverage will vary with condition 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.

- 1/2" x 1/2" x 1/2" sq. notch 40-50 sq.ft
- 1/4" x 3/8" x 1/4" sq. notch 70-80 sq.ft

Packaging

50 lb. bag, 56 bags per pallet

4. TECHNICAL DATA

Typical Performance Properties

Shear Strength	7 days (psi)	28 days (psi)
Quarry Tile	250-300	450-500
Mosaic Tile	250-300	300-350
Glazed Wall Tile	250-300	400-450
Quarry Tile & Plywood	175-200	200-250
Compressive Strength	1,500-2,000	3,500-4,000
Adjustability	15-20 minutes	
Open Time	50-70 minutes	
Final Set	6-8 hours	

5. INSTALLATION

Surface Preparation

Surfaces to receive PRO-STICK 42 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, a gap of 1/8 inch 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 according to TCNA F150.

Mixing

Add PRO-STICK 42 to 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 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. When installing irregularly sized marble and granite units, back- buttering each piece and setting, using a large notched trowel is recommended. This will maximize bonding area and improve the evenness of the finished surface. 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 mixed, mortar can be used for up to 4 hours. For applications over cement backerboard, adhere backerboard according to backerboard manufacturer's recommendation using PRO-

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STICK 42 applied to the plywood substrate. For applications over existing ceramic tile, plastic laminate, vinyl flooring (non-asbestos), or VCT residue, roughen surface with coarse sandpaper or other abrasive. Clean to remove loose material.
Cleaning
Immediately after use, clean with water. Protect other surfaces from contact with material.
Curing
Under normal conditions grouting may be performed after the dry set mortar has cured 24 – 48 hours.
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.

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