

2022-04-05

1. PRODUCT NAME

PRO-STICK 42 R

2. MANUFACTURER

PROFLEX® Products, Inc.

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3. PRODUCT DESCRIPTION

PROFLEX® PRO-STICK 42R (ANSI A118.11) is a rapid set thin set mortar that is formulated to be a fast setting mortar with superior performance and workability characteristics. PRO-STICK 42R, when mixed, has an initial setting time of 1 hour. Specially developed for the professional tile installer. 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 over: Tile backerboard, Plumb and true masonry, Properly cured and finished concrete, Gypsum plaster, Gypsum block or Gypsum board (dry areas - walls only), Cured portland cement mortar, exterior grade plywood, plastic laminates, masonry surfaces

Advantages

- Ready to mix product without need for additives.
- High strength for a variety of bonding applications.
- 1 hour initial set, 2 - 4 hours foot traffic.
- ANSI A118.4, A118.11 compliant.

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.

- ½" x ½" x ½" square notch, 20 - 25 sq. ft.
- ¾" x ¾" x ¾" square notch, 35 - 40 sq. ft.

Packaging

25 lb. bag, 64 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

Typical Performance Properties

Shear Strength	7 days (psi)	28 days (psi)
Quarry Tile	300-350	450-500
Mosaic Tile	300-350	350-400

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Glazed Wall Tile	400-450	450-500
Quarry Tile & Plywood	175-200	200-250
Compressive Strength	4,000-4,500	6,000-6,500
Adjustability	15 - 20 minutes	
Open Time	30 minutes	
Initial Set	60 minutes	
Final Set	90 minutes	

5. INSTALLATION

Surface Preparation

Surfaces to receive PRO-STICK 42R 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" 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.

Mixing

Add PRO-STICK 42R to 2¾ to 3½ 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. Once mixed, mortar can be used up to 45 minutes. Do not add additional water to retemper material.

Application

Key in a small amount of material onto substrate with flat side of trowel to insure proper bond, then apply additional material with a suitable notch 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.

For applications over cement backerboard, adhere backerboard according to backerboard manufacturer's recommendation using PRO-STICK 42R 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.

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



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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