

# ACRYLPRO®

## CERAMIC TILE ADHESIVE

- Higher bond strengths
- Quick and easy application
- Extended open time
- Exceeds ANSI A136.1 Type I

### PRODUCT DESCRIPTION

This high performance, pro-formula adhesive offers benefits to both the professional user and DIY customer. AcrylPro® spreads quickly and easily and offers extended open times for adjusting tile. It also provides higher bond strengths required for 12" x 12" (30 x 30 cm) ceramic floor tile installations and exceptional durability in wet areas. Offers maximum resistance to prolonged water exposure as defined by ANSI A136.1, Type I.

### USES - TILE TYPES

Ceramic, mosaic, quarry, pavers, gauged slate, porcelain and gauged stone tile. Maximum tile size for floor applications is 12" x 12" (30 cm x 30 cm).

### AREAS OF USE

- For interior use on floors, walls and countertops
- Interior wet areas with prolonged water exposure such as, tub surrounds and shower walls as defined by ANSI A136.1, Type I requirements
- Concrete, masonry, plaster
- Gypsum wallboard (dry areas)
- Water-resistant wallboard
- WonderBoard®, RhinoBoard®, cement backerboards
- Exterior grade plywood (interior dry areas)
- Existing ceramic tile
- Resilient flooring
- Existing plastic laminate

### LIMITATIONS

- Do not bond directly to hardwood, Luan plywood, parquet, particleboard, cushion or sponge-back vinyl flooring, metal, fiberglass, plastic or OSB panels.
- Do not use outdoors; use an appropriate Custom thin-set mortar.
- Do not use in steamrooms, shower floors, underwater or areas exposed to hydrostatic pressure.
- Do not use over wood surfaces in wet areas.

- Do not use to install fixtures, ungauged natural stone, gauged stone thicker than 3/8" (9.5 mm), transparent glass tile, Saltillo pavers or tile with lugs on floors.
- When setting moisture sensitive natural stone or agglomerates (check with manufacturer) use OptiCure™ Fortified Thin-Set Mortar or 100% Solids Epoxy Mortar.
- Do not use to install resin-backed stone.

### SURFACE PREPARATION

#### General Surface Preparation:

Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt, curing compounds, sealers, adhesives or any other contaminant that would prevent a good bond. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dirt or any contaminants. Surfaces and materials should be maintained at a temperature above 50° F (10° C) or below 100° F (38° C) until adhesive cures.

#### Cementitious Substrates:

Concrete must be porous, fully cured, free of any surface contaminants and efflorescence, and not subject to hydrostatic pressure. Surface should accept water penetration to form a good bond. Test by sprinkling water on various areas of the substrate. If water penetrates, then a good bond can be achieved. If water beads, surface contaminants are present and loss of adhesion may occur. The contaminants should be removed before installation. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Concrete slabs should have a broomed or brushed finish to enhance the bond. Smooth concrete slabs must be roughened to ensure a good bond.

#### Plywood Substrates:

Plywood floors including those under resilient flooring must be built to industry standards. Deflection not to exceed L/360. For questions about proper subfloor installation, call Technical Support.

#### WonderBoard® and RhinoBoard® Backerboards:

As a superior alternative to an additional layer of plywood, WonderBoard or RhinoBoard Backerboards may be installed over plywood subfloors. Refer to their respective data sheets for installation information.



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### Existing Ceramic Tile, Resilient Flooring or Plastic Laminates:

Plywood flooring must be structurally sound and meet all ANSI and deflection requirements. Resilient flooring or plastic laminates must be well bonded, clean and free of all contaminants. Roughen the surface by sanding or scarifying, rinse and allow to dry. Do not sand flooring containing asbestos. For existing well-bonded ceramic tile, mechanically abrade with carborundum stone. Rinse and allow to dry. When sanding we recommend the use of an approved respirator.

### APPLICATION

**INSTALLATION TO CONFORM TO ANSI A108.4.** Using flat side of trowel, apply skim coat of adhesive with appropriate size trowel. Apply additional adhesive with notch side of trowel held at a 45° angle to the surface, combing in one direction. Press tile firmly into place in a perpendicular motion across ridges, moving back and forth. Perpendicular pressing flattens ridges and closes valleys allowing maximum coverage. With some tile, back buttering is advisable. Adjust tile promptly and beat in with block and rubber mallet. Periodically pull up a tile and check the back to ensure complete coverage with the adhesive. Do not apply more adhesive than can be covered with tile in 30 minutes. If adhesive starts to skin over (not sticky), re-trowel before setting tile.

### DRYING TIME

Allow a minimum of 24 hours drying time before applying grout. Cure time can be greatly extended when setting dense tile, tile larger than 6" x 6" (15 x 15 cm), bonding tile to dense surfaces, in high humidity, or when temperature is below 60° F (16° C).

### CLEAN-UP

Remove fresh adhesive from tile surfaces with a damp cloth. Clean tools in warm soapy water.

### COVERAGE

Approximately 40 - 60 sq. ft. per gallon (3.7 - 5.6 m<sup>2</sup>) using a 3/16" x 5/32" (5 mm x 4 mm) V-notch trowel.

### RECOMMENDED TROWEL SIZE

3/16" x 5/32" (5 mm x 4 mm) V-notch for tile up to 6" x 6" (15 cm x 15 cm)

1/4" x 1/4" x 1/4" (6 mm x 6 mm x 6 mm) square-notch for tile over 6" x 6" (15 cm x 15 cm)

1/4" x 3/8" x 1/4" (6 mm x 9.5 mm x 6 mm) square-notch for tile 8" to 12" (20 cm to 30 cm)

### STORAGE

Although this product is freeze-thaw stable, it is best if stored indoors at moderate temperatures.

### SAFETY

Contains petroleum distillates. If ingested, do not induce vomiting. Call a physician immediately. Use with adequate ventilation. Non-flammable.

### ORDERING INFORMATION

|        | ITEM CODE  | SIZE                | COLOR | PACKAGE |
|--------|------------|---------------------|-------|---------|
| USA    | ARL4000HPT | 1/2 pint (237 ml)   | White | Pail    |
| USA    | ARL4000QT  | 1 quart (.946 L)    | White | Pail    |
| USA    | ARL40001   | 1 gal. (3.78 L)     | White | Pail    |
| USA    | ARL40003   | 3-1/2 gal. (13.2 L) | White | Pail    |
| Canada | CARL4000QT | 1 quart (.946 L)    | White | Pail    |
| Canada | CARL40001  | 1 gal. (3.78 L)     | White | Pail    |
| Canada | CARL40003  | 3-1/2 gal. (13.2 L) | White | Pail    |

### TECHNICAL DATA

Exceeds ANSI A136.1 Type I specifications.

|                           | ACRYLPRO                          |
|---------------------------|-----------------------------------|
| Applicable ANSI Standards | A136.1 Type I                     |
| Adjustment Time           | 45 min.                           |
| Open Time                 | 75 min.                           |
| Shear Strength:           |                                   |
| Type I Water Immersion    | 110 psi (7.7 kg/cm <sup>2</sup> ) |
| Freeze/Thaw               | Stable                            |
| Stain Test                | Passes                            |
| Impact Test               | Passes                            |
| Heat Resistance           | Passes                            |



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