

ACRYLPRO® CERAMIC TILE ADHESIVE

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

PRICE



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 intermittent water exposure as defined by ANSI A136.1, Type I. Protected by MoldGard® Technology to resist mold and mildew growth.

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 intermittent 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
- Backerboards such as WonderBoard® and EasyBoard®
- 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 (check with manufacturer) use 100% Solids Epoxy Mortar.
- Do not use to install resin-backed marble.

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. Ambient temperature, surfaces and materials should be maintained at a temperature above 50° F (10° C) or below 100° F (38° C) for 72 hours.

Cementitious Surfaces:

Concrete or plaster must be fully cured and accept water penetration. 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 Services.

Backerboards and Underlayments:

Tile backerboards such as WonderBoard® and EasyBoard® are a superior alternative to using a second layer of plywood as a final substrate for tile installation. EasyMat™ is an underlayment that can be used in the same regard. Each provide unique benefits to tile installation but all can be installed over plywood to ensure that maximum bond strengths and performance are achieved. Refer to respective data sheet for installation information.



CUSTOM®
BUILDING PRODUCTS

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.

Expansion Joints:

Expansion joints, control joints and cold joints should never be bridged with setting material. They must be brought through the tile work and filled with an appropriate elastomeric sealant.

Cutback Adhesive over Concrete:

Thick accumulations, powdery, brittle or weak adhesive layers must be removed. Use extreme caution as adhesives may contain asbestos fibers. Do not sand or grind adhesive residue, as harmful dust may result. Use the wet-scraping and wet-sweeping method outlined in the Resilient Floor Covering Institute pamphlet "Recommended Work Practices for Removal of Resilient Floor Coverings." Never use adhesive removers or solvents, as they weaken or soften the adhesive and may cause it to penetrate into the concrete. The remaining residue should be no thicker than a coat of paint and should be almost transparent. Always install an adequate number of properly located test areas.

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), retrowel 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 cm x 15 cm), bonding tile to dense surfaces, in high humidity or when temperature is below 60° F (16° C).

COVERAGE

SQUARE FOOT COVERAGE PER GALLON (SQUARE METER PER 3.78 L) TROWEL SIZE	COVERAGE
3/16" x 5/32" V-Notch (5 x 4 mm) for tile up to 6" x 6" (15 x 15 cm)	40 - 60 sq. ft. (3.7 - 5.6 M ²)
1/4" x 1/4" x 1/4" Square-Notch (6 x 6 x 6 mm) for tile up to 12" x 12" (30 x 30 cm)	15 - 25 sq. ft. (1.4 - 2.3 M ²)
1/4" x 3/8" x 1/4" Square-Notch (6 x 9 x 6 mm) for tile over 12" x 12" (30 x 30 cm)	10 - 14 sq. ft. (.93 - 1.4 M ²)

CLEAN-UP

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

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 requirements.

	ACRYLPRO® CERAMIC TILE ADHESIVE
Applicable ANSI Standards	A136.1 Type I
Adjustment Time	45 min.
Open Time	75 min.
Shear Strength:	
Type I Water Immersion	Passes
Freeze/Thaw	Stable
Stain Test	Passes
Impact Test	Passes
Heat Resistance	Passes

LIMITED WARRANTY

Custom Building Products ("Custom") warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's sole liability under this warranty shall be limited to the replacement of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's printed instructions. Custom makes no other warranties either express or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

