AcrylPro® Professional Tile Adhesive



1. **Product Name**

   AcrylPro® Professional Tile Adhesive

2. **Manufacturer**

   Custom Building Products
   Technical Services 10400 Pioneer Boulevard, Unit 3
   Santa Fe Springs, CA 90670
   Customer Support: 800-272-8786
   Technical Services: 800-282-8786
   Fax: 800- 200-7765
   Email: contactus@cbpmail.net
   custombuildingproducts.com

3. **Product Description**

   Professional grade tile and stone adhesive. Engineered for the intermittent water exposure seen in tub surrounds and shower walls. Sag resistant and ideal for small format tile, pavers and stone installation on walls, floors and countertops. Recommended for tile up to 8″ (20 cm) on any side, but can be used up to 15″ (38.1 cm) with significantly longer dry times.

   Meets ANSI A136.1, Type 1

   Key Features

   - For standard wall and floor tile installations
   - Just spread and set
   - Ideal for small format tile
   - Sets porcelain, ceramic and stone

   Suitable Substrates

   - Concrete, mortar beds, masonry, Portland cement plaster
   - Approved cement backerboards
   - Exterior Grade Plywood (EGP) interior residential and light commercial dry areas
   - Gypsum wallboard (interior dry areas)
   - Existing ceramic tile
   - Plastic laminates
   - Cutback adhesive (see preparation instructions)

   Composition of Product

   AcrylPro® Ceramic Tile Adhesive is a ready-to-use, proprietary blend of acrylic copolymers, calcium carbonate and inorganic materials.

   Benefits of Product in the Installation

   - High bond strengths for 8" x 8" (20.3 cm x 20.3 cm) floor tile
   - Meets ANSI A136.1, Type 1 requirements for intermittent water exposure

   Limitations to the Product

   - Recommended floor tile size: 8" (20 cm) or less on all sides.
   - If dry time is a concern due to tile size or other limitations noted, use a traditional polymer modified thinset mortar instead.
   - Do not bond directly to hardwood, Luan plywood, particle board, parquet, cushion or sponge-back vinyl flooring, metal, fiberglass, plastic or OSB panels.
   - When setting moisture sensitive natural stone, cement or agglomerate tile, check with Custom Technical Services; use EBM-Lite™ Epoxy Bonding Mortar 100% Solids or CEG-Lite™ 100% Solids Commercial Epoxy Grout.
   - When installing ceramic plank tile greater than 15" (38.1 cm) long, use a cement mortar designed for large format tile.
   - Do not use over non-porous surfaces such as waterproofing membranes, coated tile backer board and vinyl flooring.
   - Do not use to install resin-backed marble of stone; use EBM-Lite™ Epoxy Bonding Mortar 100% Solids or CEG-Lite™ 100% Solids Commercial Epoxy Grout.
   - Recommended for interior use only. Do not use for steam rooms, shower floors or underwater. For those installations, use CUSTOM® Polymer-Modified Mortar Systems.
   - Not for use over radiant heat systems.
   - Installation dry time varies depending on tile size and density, substrate porosity and ambient conditions.
   - Do not use to install fixtures, ungauged natural stone, gauged stone thicker than 3/8" (9.5 mm), transparent glass tile, translucent stone, Saltillo pavers or lug back tile on floors.

   Packaging

   - 1 qt (0.95 L) pail
   - 1 gal (3.78 L) pail
   - 3.5 gal (13.25 L) pail
   - Canada: 1 qt (0.95 L), 6.5 lb (2.9 kg) pail
   - Color: White

4. **Technical Data**

   Applicable Standards

   American National Standards Institute (ANSI) ANSI A108.4 and A136.1, Type 1 American National Standards for the Installation of Ceramic Tile

   Tile Council of North America (TCNA) Handbook for Ceramic Tile Installation, TCNA Method EJ171

   Technical Chart

Property	Test Method	Requirement	Typical Results
Open Time			75 Minutes
Adjustment Time			45 Minutes
Freeze-Thaw Stability			Stable
Shear Bond Strength			
7 Day Dry	A136.1 Section 6.2.3.1	> 50 psi	Pass
28 Day Dry	A136.1 Section 6.2.3.3	> 50 psi	Pass
Type I After Water Immersion	A136.1 Section 6.2.3.2	> 50 psi	Meets

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Heat Resistance	A136.1 Section 6.2.3.5	> 10 lbs. per tile	Pass
Impact Resistance	A136.1 Section 6.2.3.6	Tile Remain Bonded	Pass
Staining	A136.1 Section 6.3	< 70% Penetration	Pass
Resistance to Mold Growth	A136.1 Section 6.4	No Growth	Pass

Environmental Consideration

Custom® Building Products is committed to environmental responsibility in both products produced and in manufacturing practices. Use of this product can contribute towards LEED® v3 certification:

- Up to 2 points towards MR Credit 5, Regional Materials
- Up to 1 point towards IEQ Credit 4.1, Low-Emitting Materials - Adhesives & Sealants

Movement Joint Placement

Construction, contraction, expansion and isolation joints as described in ANSI A108.01, should never be bridged with setting material. They must be brought through the tile work and filled with an appropriate elastomeric sealant. Contact Custom® Building Products for the proper treatment of control or saw cut joints. Refer to TCNA F125, F125A and TCNA EJ171.

Curing of Product

Minimum dry time for 8€□ x 8€□ (20.3 cm x 20.3 cm) tile is 24€□72 hours before applying grout. Dry time will be extended if using larger tiles, bonding to non€□porous surface, in high humidity, or if temperature is below 60 degrees F (15 degrees C). Do not apply excess adhesive.

Cleaning of Equipment

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

Health Precautions

This product contains petroleum distillates. Avoid eye contact or prolonged contact with skin. If ingested, do not induce vomiting; call a physician immediately. Use with adequate ventilation.

Conformance to Building Codes

Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.

5. **Size & Availability**

Location	Item Code	Size	Color	Package
USA	ARL4000QT	1 qt (.946 L)	White	Pail
USA	ARL40001	1 gal (3.78 L)	White	Pail
USA	ARL40003	3 1/2 gal (13.25 L)	White	Pail
Canada	CARL4000QT	1 qt (.946 L)	White	Pail
Canada	CARL40001	1 gal (3.78 L)	White	Pail
Canada	CARL40003	3 1/2 gal (13.25 L)	White	Pail

Related Products

Polyblend®Plus Sanded Grout
Fusion Pro® Single Component® Grout
CEG-Lite™ 100% Solids Commercial Epoxy Grout
CEG-IG 100% Solids Industrial Grade Epoxy Grout
Prism® Ultimate Performance Grout

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Coverage Chart

SQUARE FOOT COVERAGE PER GALLON (SQUARE METER PER 3.78 L)

Trowel Size	Min Coverage	Max Coverage
3/16" x 5/32" (5 x 4 mm) V-notch for tile up to 6" (15 cm) on any one side	40 sq. ft. (3.7 m²)	60 sq. ft. (5.6 m²)
1/4" x 1/4" x 1/4" (6 x 6 x 6 mm) sq. notch for tiles up to 12" (30 cm) on any one side	15 sq. ft. (1.4 m²)	25 sq. ft. (2.3 m²)
1/4" x 3/8" x 1/4" (6 x 9 x 6 mm) sq. notch for tiles up to 15" (38 cm) on any one side	10 sq. ft. (.93 m²)	14 sq. ft. (1.4 m²)

Recommended minimum coverage (80% for dry areas and 95% for wet areas). Back buttering may be necessary. For any tile with the longest side 15€ +, use a medium bed mortar from CUSTOM designed for large format and heavy tile.

Chart for estimating purposes. Coverage may vary based on installation practices and jobsite conditions. For more tile and joint sizes, use the material calculator at CustomBuildingProducts.com or contact CUSTOM Technical Services at (800) 282-8786.

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