

OmniGrip® Premium Lightweight Tile Adhesive

1. Product Name

OmniGrip® Premium Lightweight Tile Adhesive

2. Manufacturer

Custom® Building Products

3. Product Description

Flexible, lightweight tile and stone adhesive with 33% less shrinkage than traditional adhesives. Engineered for intermittent water exposure. Sag resistant and ideal for small format tile, pavers and stone installation on walls, floors and countertops. Recommended for tile up to 12" (30.5 cm) on any side, but can be used up to 15" (38.1 cm) with significantly longer dry times.

Exceeds ANSI A136.1, Type 1

Key Features

- High flexibility and bond strength
- 33% less shrinkage than traditional adhesives
- Sag and slip resistant - immediately holds wall tiles in place
- Ideal for small format tile
- Great for tub surrounds or shower walls

Suitable Substrates

- Concrete, masonry, plaster
- Gypsum wallboard in dry areas only
- WonderBoard®, cement backerboards
- Exterior Grade Plywood in dry interior areas
- Existing ceramic tile
- Resilient flooring
- Existing plastic laminate

Composition of Product

Proprietary blend of acrylic copolymers, calcium carbonate and inorganic materials.

Benefits of Product in the Installation

- 33% less shrinkage than traditional adhesives for maximum coverage and bond
- Lightweight Weighs 33% less than traditional adhesives
- Exceeds ANSI A136.1, Type 1 standards for prolonged water exposure
- Flexible for increased crack resistance

4. Technical Data

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) TCNA Handbook for Ceramic Tile Installation, TCNA Method EJ171

Limitations to the Product



- If dry time is a concern due to tile size or other limitations noted, use a traditional polymer modified thinset mortar
- Do not use over non-porous surfaces such as waterproofing membranes, coated tile backer board and vinyl flooring.
- 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](#).
- Do not use to install resin-backed marble or 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.

Movement Joint Placement

Expansion joints and cold 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, such as Custom's® 100% Silicone. Contact Custom's® Technical Services for the proper treatment of control or saw cut joints. Refer to TCNA EJ171 for perimeter and field movement joints.

5. Availability & Cost

Location	Item Code	Size	Color	Package
USA	OGA1-2	1 gal (3.78 L)	White	Pail
USA	OGA3	3 1/2 gal (13.25 L)	White	Pail
Canada	COGAQT	1 qt (.946 L)	White	Pail
Canada	COGA1-2	1 gal (3.78 L)	White	Pail
Canada	COGA3	3 1/2 gal (13.25 L)	White	Pail

Curing of Product

Allow to cure for a minimum of 24 hours before grouting, depending upon temperature and humidity. Cure time can be greatly extended when setting dense tiles, tiles larger than 6" x 6" (15 x 15 cm), in high humidity, or when temperature is below 60°F (16°C).

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.

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 M ²)	60 sq. ft. (5.6 M ²)
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 M ²)	25 sq. ft. (2.3 M ²)

1/4" x 3/8" x 1/4" Sq notch for tiles up to 15" (38.1 cm) on any one side	10 sq. ft. (.93 M ²)	14 sq. ft. (1.4 M ²)
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Recommended minimum coverage (80% for dry areas and 95% for wet areas and exteriors. 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 sizes, use the material calculator at CustomBuildingProducts.com or contact CUSTOM Technical Services at 800-282-8786.