

OMNIGRIP®

ULTIMATE TILE ADHESIVE TYPE I

- 33% less shrinkage than traditional adhesives
- Maximum coverage – Superior bond
- Sets ceramic floor tile up to 16" x 16"
- 25% less weight than traditional adhesives
- Effortless troweling
- Easier to carry
- High-polymer formula remains flexible
- For exterior wall applications in covered areas

PRODUCT DESCRIPTION

OmniGrip's unique formula sets a radical new standard, offering many benefits not found in traditional tile adhesives. Formulated with more solids and less water, OmniGrip shrinks up to 33% less than traditional adhesives ensuring maximum coverage and superior bonds. This high-polymer formula remains flexible allowing a wide variety of applications. Excellent for both floor and wall applications. Sets ceramic floor tile up to 16" x 16" (40.6 cm x 40.6 cm) and stone tile on floors up to 12" x 12" (30 cm x 30 cm). It can also be used in exterior wall applications in covered areas. Weighing 25% less than traditional adhesives, OmniGrip applies effortlessly and is easier to carry. Open and adjustment times are in excess of 60 minutes. 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 16" X 16" (40.6 cm x 40.6 cm) for ceramic tile and 12" x 12" (30 cm x 30 cm) for stone tile.

AREAS OF USE

- For exterior use on walls no more than 8' (2.4 M) high in covered areas with intermittent water exposure
- For interior use on floors, walls and countertops
- Interior wet areas with prolonged water exposure such as commercial showers, 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, particle board, parquet, cushion or sponge-back vinyl flooring (or their adhesive residue), metal, fiberglass, plastic and OSB panels.
- Do not use in steamrooms, shower floors, underwater or areas exposed to hydrostatic pressure.
- Do not use over wood surfaces in exterior or wet areas.
- Do not use outdoors except in covered areas and on walls up to 8 feet (2.4 M) high.
- 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.



CUSTOM®
BUILDING PRODUCTS

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.

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 45 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 ft² per gallon (3.7 - 5.6 m²) 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 6mm) 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 12" x 12" (30 cm x 30 cm) and over

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	WEIGHT	COLOR	PACKAGE
USA	OGA1	1 gal. (3.78 L)	8.25 lbs. (3.74 kg)	White	Pail
USA	OGA3	3-1/2 gal. (13.25 L)	31 lbs. (14.06 kg)	White	Pail
Canada	COGAQT	1 quart (.946 L)	6.5 lbs. (2.94 kg)	White	Pail
Canada	COGA1	1 gal. (3.78 L)	8.25 lbs. (3.74 kg)	White	Pail
Canada	COGA3	3-1/2 gal. (13.25 L)	31 lbs. (14.06 kg)	White	Pail

TECHNICAL DATA

Exceeds ANSI A136.1 Type I specifications.

	OMNIGRIP
Applicable ANSI Standards	A136.1 Type I
Adjustment Time	>60 min.
Open Time	>60 min.
Shear Strength:	
Type I Water Immersion	145 psi
Freeze/Thaw	Stable
Stain Test	Passes
Impact Test	Passes
Heat Resistance	Passes

