

# HENRY®



## 629 TileFlex Pro™

### Premium Thinset Mortar

Easily Set Porcelain,  
Glass, Quarry, Stone  
& Ceramic Tile

- Sets porcelain, glass, quarry, stone, ceramic & mosaic tile over most surfaces
- Ideal for tile installations over plywood or cement backer boards
- Use for exterior applications and in wet areas
- 5 hour pot life for easy installations

THE PROFESSIONAL'S FORMULA FOR SUCCESS™

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# 629 TileFlex Pro™

**HENRY® 629 TileFlex Pro™ Premium Thinset Mortar is a Portland cement-based, polymer modified thinset mortar for the installation of porcelain, glass, quarry, stone, ceramic and mosaic tile over most interior and exterior surfaces. HENRY 629 TileFlex Pro is formulated to deliver high bond strength and flexibility, making it ideal for exterior tile installations.**

#### USE FOR:

- Porcelain, Glass, Quarry & Mosaic Tile
- Natural stone (not moisture sensitive)\*
- \* For marble and other moisture sensitive tile and stone installations, use HENRY 316 MarbleFlex™ Marble & Stone Thinset Mortar.

**BONDS TO:** Concrete, cement backer boards, drywall, terrazzo, masonry and exterior grade plywood (interiors only).

#### SURFACE PREPARATION:

All existing surfaces to receive tile must be clean, sound, solid, and free of weak or loose areas, dust, dirt, oil, or any contaminant that may act as a bond breaker. Remove flaking or deteriorating layers. Sealers should be removed. When necessary, surface preparation must be by mechanical means, such as a chisel or sanding. **DO NOT USE SOLVENTS OR ACIDS.** Surfaces to receive HENRY TileFlex Pro must be a minimum of 50°F/10°C. The plane of wall surfaces must be plumb and true. Floor surfaces must have minimal variation in the plane or slope. Should pre-leveling on an interior floor be required, use an appropriate HENRY substrate preparation product. Tiling may proceed in as soon as product has cured. Do not install tile directly over expansion joints or other existing moving joints or where substrate materials change composition. (See ANSI A 108 AN-3.7 for further information.)

#### MIXING:

The standard mixing ratio is 10.5 to 11.25 quarts of clean water per 50 lb. bag. For mixing smaller batches, mix 2 parts powder with 1 part water by volume. Pour water into the mixing container first, then add the HENRY TileFlex Pro. To obtain a stiffer consistency, use the lower mixing ratio. Mix vigorously by hand for 2 to 3 minutes using a margin trowel or mixing stick. For best results, mix with a mixing paddle and heavy-duty drill. Just prior to application on the substrate, the mixture should be stirred again to ensure a creamy, smooth, lump-free consistency. Setting of tile may commence immediately.

**NOTE:** The pot life of HENRY TileFlex Pro is 5 hours at 70°F/21°C. If surface skinning occurs within this time, stir material again before using. **DO NOT ADD MORE WATER!**

#### INSTALLATION:

After mixing, apply the mortar to the substrate with the flat side of a trowel to obtain a solid mechanical bond. Apply to an area no greater than that which can be covered with tile while the mortar remains plastic (approx. 20 minutes open time, depending on the substrate and job site conditions). Immediately comb the mortar with a notched trowel of sufficient depth to ensure that the tiles are fully adhered. The type and size of the tiles will dictate the size of the notched trowel to be used. The position of the tiles may be corrected for approximately 5 to 10 minutes after

installation. Rough or uneven substrates may first be treated with a full scratch coat of HENRY TileFlex Pro to a thickness of 1/4". Installation of tiles may begin after the scratch coat has hardened overnight.

#### COVERAGE:

- 115 to 125 sq. ft. per 50 lb. bag 1/4" x 1/4" x 1/4" sq. notched trowel
- 95 to 100 sq. ft. per 50 lb. bag 1/4" x 3/8" x 1/4" sq. notched trowel

**COLORS:** Available in Gray and White

#### BACK-BUTTERING:

When setting certain types of tiles, it may be necessary to trowel a layer of mortar on the back of each tile prior to placement on the combed mortar bed in order to achieve the required mortar-to-tile contact. Press each tile firmly into the freshly combed mortar to insure maximum mortar contact with tile. Tile must not be applied to skinned-over mortar.

#### GROUTING:

Tiles can be grouted after 8 hours on walls and 24 hours on floors. HENRY recommends the use of HENRY Flex Grouts.

#### CLEAN UP:

Use clean, damp cloth for clean up. If the material dries, remove by mechanical means.

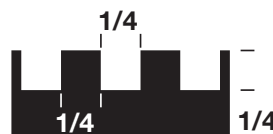
#### MIXING RATIO:

- 10.5 to 11.25 quarts water per 50 lb. bag
- For smaller batches, mix 2 parts powder with 1 part water (by volume).
- Shelf life is one year if unopened. Store in a cool dry place.

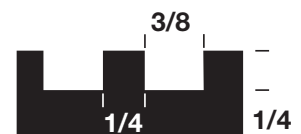
#### WARRANTY:

For complete warranty details, contact your dealer or our Customer Service Center at 800-232-4832.

#### TROWEL SIZES:



SQ-NOTCH 1/4"D x 1/4"W x 1/4"A  
115-125 sq. ft./50 lb. bag



SQ-NOTCH 1/4"D x 3/8"W x 1/4"A  
95-100 sq. ft./50 lb. bag

# HENRY®

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Customer Service and Technical Information  
1-800-232-4832  
www.wwhenry.com

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#### HENRY Commitment

HENRY is committed to helping you get the best results in professionally installed floors. 70 years of experience combined with our relationships with the leading resilient, wood and carpet manufacturers ensure that you receive the products and the support you need to complete the job successfully and profitably.

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