

# HENRY®



## 425 TileFlex™

### Economical Thinset Mortar

### Easily Set Quarry, Stone & Ceramic Tile

- Sets quarry, stone, ceramic & mosaic tile over most surfaces. Also sets porcelain tile (interiors only)
- Easy to Use - Just add water requires no additive
- Use for exterior applications and wet areas
- 3 hour pot life for easy installations

THE PROFESSIONAL'S FORMULA FOR SUCCESS™

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# 425 TileFlex™

**HENRY® 425 TileFlex™ Thinset Mortar is a Portland cement-based, polymer modified thinset mortar for the installation of quarry, stone, ceramic and mosaic tile over most interior and exterior surfaces. HENRY 425 TileFlex can also be used to install porcelain tile over interior absorbent concrete surfaces.**

#### USE FOR:

- Quarry, ceramic & mosaic tile
- Natural stone (not moisture sensitive)\*
- Porcelain tile (over interior absorbent concrete only)
- \* 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 and masonry. For wood surfaces, use HENRY TileFlex Plus™ Flexible Thinset Mortar or HENRY TileFlex Pro™ Premium Thinset Mortar.

#### SURFACE PREPARATION:

All existing surfaces that are 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 SAND OR GRIND CUTBACK ADHESIVE RESIDUE. WET SCRAPE TO A FINE FILM. DO NOT USE SOLVENTS OR ACIDS. Surfaces to receive HENRY TileFlex Thinset Mortar 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 the slope. Should pre-leveling on an interior floor be required, use an appropriate HENRY substrate preparation product. Tiling may proceed as soon as product has cured. Do not install tile directly over expansion joints or other existing moving joints and where substrate materials change composition. (See ANSI A 108 AN-3.7 for further information.)

#### MIXING:

The standard mixing ratio is 5.0 to 5.50 qt. water per 40 lb. bag. For mixing smaller batches, mix 2.75 parts powder with 1 part water by volume. Pour clean water into the mixing container first, then add the HENRY TileFlex Thinset Mortar. To obtain a stiffer consistency, use the lower mixing ratio. 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 Thinset Mortar is 3 hours at 70°F/ 21°C. If the mortar begins to harden 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). Comb the mortar with a notched trowel of sufficient depth to ensure that the tiles are covered uniformly over their entire surface. 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 Thinset Mortar. Installation of tiles may begin after the scratch coat has hardened overnight.

#### COVERAGE:

- 70 to 80 sq. ft. per 40 lb. bag 1/4" x 1/4" x 1/4" sq. notched trowel
- 55 to 60 sq. ft. per 40 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 material dries, use mechanical means to remove.

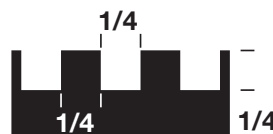
#### MIXING RATIO:

- 5.0 to 5.50 qt. water per 40 lb. bag
- For smaller batches, mix 2.75 parts powder with 1 part water (by volume).
- Shelf life is one year if unopened. Store in a cool dry place.

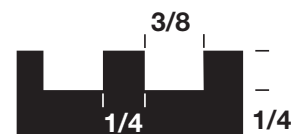
#### WARRANTY:

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  
70-80 sq. ft./40 lb. bag



SQ-NOTCH 1/4"D x 3/8"W x 1/4"A  
55-60 sq. ft./40 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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