TileFlex Plus™
Flexible Thinset Mortar
Easily set porcelain, quarry, stone & ceramic tile

- Sets porcelain, quarry, stone, ceramic & mosaic tile
- Ideal for tile installations over plywood or cement backer boards
- Easy to use – just add water – no additives required
- 3 hour pot life for easy installations
HENRY® 527 TileFlex Plus™ Flexible Thinset Mortar is a Portland cement-based, polymer modified thinset mortar for the installation of porcelain, quarry, stone, ceramic and mosaic tile over most interior and exterior surfaces. HENRY TileFlex Plus Thinset Mortar can also be used to install porcelain tile over interior plywood floors.

USE FOR:
- Quarry, ceramic & mosaic tile
- Natural stone (not moisture sensitive)*
- Porcelain tile (not for use on exterior walls)
- 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, 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 SAND OR GRIND CUTBACK ADHESIVE RESIDUE. WET SCRAPE TO A FINE FILM. DO NOT USE SOLVENTS OR ACIDS. Surfaces to receive HENRY TileFlex Plus Flexible 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 and 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 or other existing moving joints and where substrate materials change composition. (See ANSI A 108 AN-3.7 for further information.)

NOTE: The pot life of HENRY TileFlex Plus Flexible Thinset Mortar is 3 hours at 70°F/21°C. If the mortar begins to harden within this time, stir material again 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.

MIXING:
The standard mixing ratio is 7.5 to 8.75 quarts of clean water per 50 lb. bag. For mixing smaller batches, mix 2.25 parts powder with 1 part water by volume. Pour clean water into the mixing container first, then add the HENRY TileFlex Plus Flexible 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.

COVERAGE:
- 90 to 100 sq. ft. per 50 lb. bag 1/4" x 1/4" x 1/4" sq. notched trowel
- 70 to 75 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:
- 7.5 to 8.75 quarts water per 50 lb. bag
- For smaller batches, mix 2.25 parts powder with 1 part water (by volume).
- Shelf life is one year if unopened. Store in a cool dry place.

TROWEL SIZES:

<table>
<thead>
<tr>
<th>Trowel Size</th>
<th>Coverage</th>
<th>Bag Size</th>
<th>Quart Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQ-NOTCH 1/4&quot;D x 1/4&quot;W x 1/4&quot;A</td>
<td>90-100 sq. ft./50 lb. bag</td>
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<td></td>
</tr>
<tr>
<td>SQ-NOTCH 1/4&quot;D x 3/8&quot;W x 1/4&quot;A</td>
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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.