



136 Surestik

Type 1 Paste Mastic for Interior Wall Tile

2. Manufacturer

Parex USA, Inc.
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Anaheim, CA 92807
866-516-0061
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3. Product Description

BASIC USE: Merkrete 136 Surestik is a ready-to-use acrylic based non-sag, quick grab, adhesive for adhering mosaic and large format tile on interior walls.

Uses: 136 Surestik can be used as an adhesive for ceramic tile for both walls and light duty floors¹ in interior applications. It is recommended for use in the mastic adhesive method for absorptive, semi-vitreous, vitreous tile and impervious ceramic tile such as porcelain tile over properly prepared masonry, concrete, cement backer board, and existing ceramic tile. In interior dry areas, it is suitable for gypsum board. 136 Surestik is suitable for both residential and commercial construction.

¹ 136 Surestik is suitable for use on interior horizontal decorative areas.

Contact the Merkrete Technical Services for recommendations on floor applications.

Advantages

- Economical
- Ready-to-use
- Non-sag hold power
- Bonds tile to most surfaces
- Excellent workability
- Ideal for mosaics, tile, and stone

Suitable Substrates (Interior Use Only)

- Cement backer board
- Cement mortar beds
- Cement plaster
- Concrete
- Concrete masonry
- Gypsum wallboard

4. Technical Data

Applicable Standards: Exceeds ANSI 136.1. Follow ANSI A108.4 for installation.

Packaging:

- **1 Gallon Unit:** 1 gal. pail (3.78 l.), 60 pails per pallet | Color: White
- **3-1/2 Gallon Unit:** 3-1/2 gal. pail (13.245 l.), 48 pails per pallet | Color: White

Coverage:

50-60 ft² (4.6–5.6m²) , US gallon (3.8l) using a 1/8" (3mm) V-notch trowel.

30ft² (2.8m²) , US gallon (3.8l) using a 3/16" (5mm) V-notch trowel to install ceramics and mosaics over smooth surface wall.

20ft² (1.9m²) , US gallon (3.8l) using a 1/4" (6mm) V-notch trowel to install quarry tile on the floors.

Shelf Life: Reference Parex USA Expiration Date of Products Technical Bulletin.



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5. Installation

Surface Preparation: All surfaces must be between 40° F (4° C) to 95° F (35° C) and structurally sound (deflection not to exceed 1/360 of the span), dry, clean and free from oil, grease, wax, paint, old adhesives, sealers and curing compounds. Any contaminates which inhibit proper bond must be removed. Substrate preparation should be completed following ANSI A108 AN-2 "General Requirements for Sub-surfaces." All substrates should be plumb and true, surface deviation should not exceed 1/4" in 10'. Patching, leveling or areas requiring repair should be prepared using Merkrete underlayments. Movement (expansion) joints should be provided to comply with TCA method EJ 171.

Application: Spread the adhesive onto the substrate using a 3/16" x 1/4" V-notched trowel for installation of wall tiles up to 6" x 6". For the installation of floor tiles or wall tiles larger than 6" x 6", use a 3/8" x 3/8" notched trowel. Tiles with lugs, grooves or an uneven back must initially be butter coated with the adhesive, in addition to the adhesive being troweled onto the substrate. For mosaic tiles, use a 3/16" x 1/4" V-notched trowel. A minimum final bed thickness of 1/16" is recommended for wall tiles, while a minimum final bed thickness of 1/8" is recommended for floor tiles, but the final bed thickness in either case must not exceed 3/16". Do not spread more 136 Surestik than can be covered in 15 minutes or before the adhesive skins over. Press tiles firmly into position before the adhesive skins, ensuring that all the tiles are well bedded, and that no voids occur under the tiles. Occasionally, in order to ensure that full coverage is being maintained, a tile should be removed, the adhesive coverage noted and the tile is re-laid accordingly. Once the tiles are applied, they must not be disturbed for 24 hours at 68° F.

Cleaning: Water is all that is needed to remove any uncured adhesive from tiles, tools and equipment.

Limitations: Do not use 136 Surestik below 40° F (4° C) or above 95° F (35° C). Use caution; do not allow 136 Surestik to freeze for the first 72 hours. Do not soak tiles prior to installation. 136 Surestik must not be used to apply over asphalt sheeting, vinyl covered wall board, Masonite®, cement asbestos board, metal, glass, plastic, gypsum mortar beds or other unstable substrates. Improperly cured or wet plywood, particle board or strip wood are not suitable substrates. For installations that will be continually wet like swimming pools, fountains and gang showers, the completed installation should be installed using Merkrete latex modified thin set. Dimensional stone tile should not be installed using 136 Surestik. For use of 136 Surestik over additional substrates or situations not mentioned in these instructions, contact Merkrete Technical Services.

Merkrete 136 Surestik is available at leading tile houses and construction distributors.
Contact Merkrete or visit our web site for the name of the nearest dealer at www.merkrete.com.

7. Warranty

5 year, 10 year and Limited Lifetime warranties are available. Contact Merkrete Technical Services or visit our web site for specific warranty information. Merkrete Systems warrants that this product meets applicable ANSI standards in force at the time of manufacture.

8. Maintenance

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. Technical Services

Merkrete Systems maintains technical field representatives available throughout the country.
Call Technical Services at 800-226-2424 for the nearest representative.

10. Filing Systems

Merkrete architectural product information available either in catalog form, or electronically on our website at www.merkrete.com.

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