



626 Primer

Industrial Primer System

2. Manufacturer

Parex USA, Inc.
4125 E. La Palma Ave, Suite 250
Anaheim, CA 92807
866-516-0061
www.merkrete.com

3. Product Description

BASIC USE: Merkrete 626 Primer is a thin section two-component primer; composed of a modified elastomeric copolymer and cementitious filler powder. 626 Primer provides a water resistant bond coat primer that adheres to most difficult to bond substrates. The primer is trowel applied and can be installed on practically any form or irregular shape.

Uses: 626 Primer is for use on metal and wood substrates and surfaces with urethane, cutback adhesive or other coatings, which may adversely affect adhesion. 626 Primer system provides a surface that improves adhesion of most setting materials and underlayments for ceramic and stone tile. It may also be used with any Merkrete waterproof and crack isolation membranes.

Advantages

- Interior and exterior
- Bonds to most surfaces
- Water resistant surface
- Thin section does not interfere with elevations
- Ideal for underlayments, membranes and thin sets

Suitable Substrates

- Brick masonry
- Cement backer board for interior use only¹
- Cement mortar beds
- Cement plaster
- Cement terrazzo
- Ceramic tile and stone
- Concrete
- Concrete masonry
- Exterior grade plywood²
- Gypsum wallboard²
- Merkrete waterproofing/crack isolation membranes

¹ Consult cement backer board manufacturer for installation recommendations and to verify acceptability for exterior use

² Interior use only

4. Technical Data

Applicable Standards: 626 Primer system has no applicable standards.

Properties:

Physical & Test Data

Adhesion	> 350 psi
Porosity (115 psi for one hour)	< 2%
Temperature at Installation	40° F to 95° F
Flexural Strength (ASTM C-256)	> 600 psi
VOC	< 11 g/l

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

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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(866) 516-0061 Tech Support: (800) 226-2424



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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, sealers and curing compounds. Old adhesives should be removed as much as possible. Any contaminants 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 a mortar bed should be prepared using Merkrete's underlayments. Movement (expansion) joints should be provided to comply with TCA method EJ 171.

Cement Substrates: All concrete substrates should be cured a minimum of 28 days. Smooth steel troweled floors should be roughed up using mechanical chipping, scraping or shot blasting. Dampen porous or dry concrete previous to installation of tile. Do not leave puddles or standing water.

Cement Backer Board: Follow cement board manufacturer's instructions.

Plywood and OSB Substrates: Maximum joist spacing should be 16" on center. Plywood should be exterior grade only. Maintain a gap of 3/16" between plywood underlayment sheets edges and all that abut walls, columns, posts and adjacent sheets. All plywood installations should be interior areas only and protected from exposure to moisture.

Mix 626 Primer thoroughly according to direction on the container. Apply by trowel at 100 – 120 sf per gallon, depending on substrate condition. Allow to dry completely. Drying time is a minimum of 2 – 4 hours, depending on climatic conditions and primer thickness.

Application: When covering existing slabs or uneven surfaces, the use of Merkrete underlayment is recommended as a leveling coat or to provide required pitch over the 626 Primer. For plywood substrates, consult the current TCA manual for specific requirements for ceramic tile and stone installations. 626 Primer will adhere to all ANSI approved wood surfaces. Merkrete recommends a quality latex portland cement thin set like Merkrete Systems: 705, 710, 7D10, 720, 750, and 820 thin set mortars to ensure compatibility with 626 Primer. Follow the directions on thin set container for proper application. It is highly recommended that an initial test area be installed to check for adhesion and material compatibility.

NOTE: allow test area to cure for 7 – 10 days before checking adhesion. After the initial test surface has been approved for adhesion and compatibility, normal installation of an overlay can proceed as soon as the 626 Primer is dry.

Ceramic or Stone Application: Ceramic or stone tile can be installed immediately after the 626 Primer the surface with dry thin set. Merkrete recommends quality latex portland cement thin set like Merkrete Systems: 705, 710, 7D10, 720, 750 and 820 mortars. Follow the directions on thin set container for proper application.

Cleaning: Clean trowel immediately after use with water and mild soap.

Limitations: Do not use 626 Primer below 40° F (4° C) or above 95° F (35° C). Use caution; do not allow 626 Primer components or mixture to freeze. Do not apply primer to frozen concrete or damp, frosty or contaminated surface. If waterproofing is required; use one of the Merkrete Hydro Guard membranes. Thin set mortar will be sandwiched between two non-absorptive materials and will require additional cure time. Cooler weather will also increase the cure time of the mortar.

Coverage: 100 – 120 sf per gallon, depending on condition of the substrate.

6. Availability

Merkrete 626 Primer is available at leading tile houses and construction distributors. Contact Merkrete for the name of the nearest dealer.

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