

MAPEPRIME[®] S710

LOW-VOC, SOLVENT BASED ADHESIVE PRIMER FOR MAPETHENE[®] LT60 / HT60

PRODUCT DESCRIPTION

This quick-drying, high-tack adhesive primer is specifically formulated to promote maximum adhesion when using Polyglass waterproofing membranes.

FEATURES AND BENEFITS

- Quick-drying
- The low content of volatile organic compounds (VOCs) is less than 250 g/L and is compliant with most state and local VOC requirements for adhesives and sealants. Note: Be sure to check all applicable regulations, based on the project location.
- Aggressive tack improves the adhesion of membranes to many substrates.
- Ready to use; no mixing or dilution required
- For vertical and horizontal applications
- Wide temperature application window, down to 25°F (-4°C)

TECHNICAL DESCRIPTION

Property	Result
Color	Green
Adhesion to concrete – ASTM D6511	> 20.0 lbs per linear inch
VOCs (Rule # 1168 of California's SCAQMD)*	226 g/L

*Acetone, PCBFT and tbutyl acetate are exempt compounds.

STORAGE AND SHELF LIFE

Store Mapeprime S710 at between 32°F and 68°F (0°C and 20°C). Protect it from weather and do not store it in direct sunlight. Improper storage could lead to product deterioration, making proper application of Mapeprime S710 difficult or impossible. Shelf life 1 year when stored properly.

LIMITATIONS

- Substrates must be clean and dry. Mapeprime S710 is not to be installed over ponding or standing water, snow or ice.
- Use in well-ventilated areas and avoid breathing vapors.
- The solvent in Mapeprime S710 attacks polystyrene insulation.
- Do not apply Mapeprime S710 when rain is imminent.
- Avoid allowing Mapeprime S710 to puddle, as this will lengthen drying time.

SUITABLE SUBSTRATES AND SURFACE PREPARATION

SUITABLE SUBSTRATES

- Concrete and concrete masonry units (CMUs)
- Wood

SURFACE PREPARATION

All surfaces to receive Mapeprime S710 should be dry, frost-free and free of dirt, dust, grease, rust, oil, curing agents and other contaminants. Application should be limited to an area that will be covered by a waterproofing membrane the same day. If the application area is not covered by a waterproofing membrane in the same day, Mapeprime S710 must be reapplied before installation of the waterproofing membrane.

Choose all appropriate safety equipment before use. Refer to the Safety Data Sheet for details. Consult Polyglass Technical Services Department for installation recommendations regarding substrates and conditions not listed.



PRODUCT DATA

Pail: 5 U.S. gals. (18.9 l), covering 250 to 425 ft² per U.S. gal. (6.12 to 10.4 m² per l)*

*Coverage rates for liquid-applied products are based on theoretical coverage relative to the percentage of solids in the material. These are recommended coverage rates to achieve the required dry-film thickness for the product and do not account for substrate condition or porosity. Thicker application of the product may be required to achieve the required dry-film thickness depending on the porosity and surface profile of the substrate.

Gross Weight 42 lbs (19.1 kg),
Net Weight 38.3 lbs (17.3 kg)

36 pails/pallet

WHERE TO USE

- Vertical applications
- Horizontal applications
- Low temperatures down to 25°F (-4°C)

PRODUCT CODES

- MPRS7105G



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PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

- Apply Mapeprime S710 with a medium-nap or ¾" (10 mm) nap roller or with a brush. Do not pour Mapeprime S710 directly onto substrate.
- Completely cover the substrate with an even coat of Mapeprime S710 at 250 to 425 ft² per U.S. gal. (6.12 to 10.4 m² per L).
- Porous substrates such as masonry or wood will require additional material, reducing the coverage rates for proper adhesion.
- Allow Mapeprime S710 to dry for about 20 minutes at 75°F (24°C). The adhesive is sufficiently dry when it is tacky but will not transfer when touched. Adverse climate conditions (such as high humidity and cooler temperatures) or porous substrates will necessitate additional drying time.
- For below grade walls, Mapeprime S710 can be used on green and damp concrete to facilitate installation of Mapethene HT60/LT60 in as little of 3 days after concrete placement and formwork removal. Refer to applicable Mapethene HT60/LT60 Technical Data Sheets for additional application instructions.

CORPORATE HEADQUARTERS

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Product Disclaimer:

For professional use only.

Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year. Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data, detail drawings and warranty information, visit www.polyglass.us



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