

MAPEPRIME® 720 W

WATER-BASED ADHESIVE PRIMER FOR MAPETHENE LT60 / HT60

PRODUCT DESCRIPTION

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

FEATURES AND BENEFITS

- Low VOC, low odor formulation
- Quick-drying
- Aggressive tack improves the adhesion of membranes to many substrates.
- Ready to use; no mixing or dilution required
- Water-based and nonflammable
- Suitable for vertical and horizontal applications
- Will not attack polystyrene insulation
- For attaching Mapedrain™ drainage composites to Mapethene™ and Mapeseal 250GC

TECHNICAL DESCRIPTION

Property	Result
Color	Green
Adhesion to concrete – ASTM D6511	> 20.0 lbs per linear inch
VOCs (Rule #1168 of California's SCAQMD)*	7 g per L

*Acetone, PCBFT and tbutyl acetate are exempt compounds.

STORAGE AND SHELF LIFE

Store Mapeprime 720 W at between 40°F and 90°F (4°C and 32°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 720 W difficult or impossible. Shelf life 1 year when properly stored.

LIMITATIONS

- Applications are limited to substrate and ambient temperatures as low as 40°F (4°C).
- Substrates must be clean and dry. Mapeprime 720 W is not to be installed over ponding or standing water, snow or ice.
- Do not apply Mapeprime 720 W when rain is imminent.
- Avoid allowing Mapeprime 720 W to puddle, as this will lengthen drying time.
- Use in well-ventilated areas and avoid breathing vapors.
- Using Mapeprime 720 W to attach a Mapedrain product to waterproofing is a temporary attachment. Mapedrain products will be held permanently in place when the backfill or overburden is in place.

SUITABLE SUBSTRATES AND SURFACE PREPARATION

SUITABLE SUBSTRATES

- Concrete and concrete masonry units (CMUs)
- Wood
- Metal
- PVC
- Gypsum sheathings with glass-mat facers



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 45.8 lbs (20.8 kg),
Net Weight 41.8 lbs (19.0 kg)

36 pails/pallet

WHERE TO USE

- Vertical applications
- Horizontal applications
- Temperatures as low as 40°F (4°C)

PRODUCT CODES

- 2825536UPY



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SURFACE PREPARATION

All surfaces to receive Mapeprime 720 W 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 720 W must be reapplied before installation of the waterproofing membrane.

For gypsum-sheathing with glass-mat facers

- When Polyglass sheet membranes are installed over gypsum sheathing with glass-mat facers, coverage rates for adhesive primer will vary depending on the porosity and texture of the sheathing and will vary substantially by gypsum sheathing manufacturer. It will be necessary to decrease the coverage rate, which increases the amount of adhesive primer used. Additionally, multiple coats of adhesive primer may be required to achieve a consistent coverage with adequate tack. Mapeprime 720 W must be allowed to dry completely before additional coats are applied or the waterproofing membrane is installed. Applications of Mapeprime 720 W over gypsum sheathing with glass-mat facers will take longer to dry than other substrates. To ensure a successful application, multiple adhesion tests should be performed randomly to verify proper application of the adhesive primer.
- Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details. Consult Polyglass's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

Priming application:

- Apply Mapeprime 720 W with a medium-nap or $\frac{3}{8}$ " (10 mm) nap roller or with a brush. Do not pour Mapeprime 720 W directly onto substrate.
- Completely cover the substrate with an even coat of Mapeprime 720 W at 250 to 425 ft² per U.S. gal. (6.12 to 10.4 m² per l).
- Porous substrates such as masonry, wood or gypsum sheathings with glass-mat facers will require additional material, reducing the coverage rates for proper adhesion.
- Allow Mapeprime 720 W 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.

Mapedrain installation:

- Ensure the waterproofing membrane and the hard plastic side of the Mapedrain product are clean and dry.
- Apply Mapeprime 720 W with a medium-nap or $\frac{3}{8}$ " (10 mm) nap roller or with a brush. Do not pour Mapeprime 720 W directly onto the

waterproofing membrane or drainage composite.

- Completely cover the waterproofing membrane and the hard side of Mapedrain with an even coat of Mapeprime 720 W at 425 ft² per U.S. gal. (10.4 m² per l).
- Allow Mapeprime 720 W 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) will prolong the drying time.
- Position and apply Mapedrain to the waterproofing and press using firm hand pressure to mate the two together. *(Note: that this is a temporary attachment and that Mapedrain will be held permanently in place when the backfill or overburden is in place.)*

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