

Recoat Primer



BUILDING TRUST



GENERAL DESCRIPTION

Recoat Primer is a two component, high solids, aromatic, polyurethane primer.

BASIC USE

Recoat Primer is to be used with partially completed new urethane coating systems, to recover existing urethane coating systems, and to repair existing urethane coating systems.

LIMITATIONS

- To avoid dew point conditions during application relative humidity must be no more than 95 % and substrate temperature must be at least 5 °F (3 °C) above measured dew point temperature.
- Minimum ambient and substrate temperature during application and curing of material is 40 °F (4 °C); maximum is 90 °F. Frequent monitoring of ambient and substrate temperature should always be done when applying polyurethane coatings. Note that low temperatures and low humidity will slow down the cure, and high temperatures and high humidity will accelerate it.
- Do not store materials outdoors exposed to sunlight for prolonged periods.
- Do not thin with solvents.
- Precautions should be taken to prevent odors and/or vapors from entering the building/structure, including but not limited to turning off and sealing air intake vents or other means of ingress for odors and for vapors into the building/structure during product application and cure.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface.
- Do not proceed if rain is eminent within 8–12 hours of application. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.
- When applying over existing coatings compatibility and adhesion testing is recommended.
- Do not subject to continuous immersion.
- Recoat Primer is not UV stable and must be top coated.
- Recoat Primer must be kept clean and overcoated within 12 hours, or within 6 hours if Sikalastic® ACL accelerator is used. If this overcoat window is exceeded, contact Hydrotech for recommendations.

APPLICATION

- Surfaces must be dry, clean and free of foreign matter. Do not apply to substrate surfaces where moisture vapor transmission will occur during application and cure. This condition should be checked using ASTM D4263 (Polyethylene Sheet method).
- Relative humidity must be no more than 95% and substrate temperatures must be at least 5°F (3°C) above measured dew point temperatures. Minimum ambient and substrate temperature during application and curing of material are 41°F (5°C); maximum are 95°F (35°C). Surface temperatures must be no higher than 110°F (43°C).
- New concrete must be cured a minimum of 28 days prior to application. Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Allow sufficient time for the substrate to dry after rain or inclement weather, as there is potential for bonding problems.
- Do not thin, dilute, or batch down the material. Do not mix LM7000 V by hand; mechanically mix only with proper equipment refer to TDS for more information.
- HydroSeal 1K Epoxy Primer or Sikadur®-22 Lo-Mod FS must be used. Allow primer to cure completely before applying LM7000 V. Refer to HydroSeal 1K Epoxy Primer or Sikadur®-22 Lo-Mod FS Product Data Sheet for specific primer recommendations.
- Cured LM7000 V may be placed in service within 24 hours for non-aggressive and non potable water service. Other LM7000 V service applications, including immersion in potable water applications, may require a cure time of 96 or more hours. *Contact American Hydrotech's Technical Service Department for more information on applications with potable water exposure.*
- If LM7000 V is used as split slab waterproofing membrane or buried membrane, cover the final coat of LM7000 H with an approved drainage mat or protection board.
- Refer to LM7000 V Technical Data Sheet for further application information and details.

PACKAGING/SIZES/COVERAGE

LM7000 V is green gray in appearance and packaged in 10 gal. Kit, Comp. A-5 gal., Comp. B-5 gal. and 4 gal. Kit, 2 X 1 gal. Comp. A, 2 X 1 gal. Comp. B. Approximate shelf life is 12 months in original, unopened containers. Store dry at 60–95 °F (15–35 °C). Condition material to 65–85 °F (18–30 °C) before using. Approximate coverage rates of 300 sf/gal. with a layer thickness of 5 +/- mils (Dry Film Thickness per Coat).

PRECAUTIONS

Surface may be slippery when wet. For further information and advice regarding transportation, handling, storage and disposal of chemical products, refer to current Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read current Safety Data Sheets before using any products. This product contains isocyanates, asphalt, and solvents.

LEED INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)		
Manufacture Location		
Extraction/Harvesting Location		
VOC Content (g/L)		

This information is intended only for general conceptual purposes. It is based on data and knowledge considered to be true and correct. It is offered for the user’s consideration, investigation and verification and is not intended to substitute for the advice provided by appropriate professionals. Hydrotech assumes no liability for the use of this information. The determination of the suitability and applicability of this information is the sole responsibility of the user.