

HP-9900 LIQUID FLASHING



HP-9900 is a high viscous, trowel or butter grade enhanced polyurea-urethane formula that can be used in conjunction with **Hydro-Prufe PVC membrane** and the **Hydro-Tuff HFA membrane**. It is designed to create a watertight liquid flashing for intricate roofing areas and details. With it's low VOC's, the single-component, moisture-cured liquid flashing is environmentally friendly. This high performing polyurea-urethane is durable, reflective, UV resistant and has excellent vertical hang and performs well under ponding water.

FEATURES & BENEFITS

HP-9900 can be used as a product accessory with the **Hydro-Prufe PVC** membrane and the **Hydro-Tuff HFA membrane**. It's fast curing time helps the applicator save time. **HP-9900** can be used as part of a complete cool roof restoration system for the **HP-9900** system. Also used for repairs of existing systems, roof repairs such as flashings, penetrations, boot penetrations in lieu of PVC boots when the shape of a penetration does not lend itself for standard PVC boots Note: **HP-9900** must be used with **Gard-Deck 9113 primer**.

TYPICAL USES

- Liquid Applied penetration flashings
- Liquid Applied base flashing for curbs and walls
- Can be used around drain bodies for additional protection

COLORS

White, Aluminum

PACKAGING

3 ½ Gallon Can (36 pails per pallet)

COVERAGE

The first coat of **HP-9900** should be applied at the rate of 1.5 gallon/100 square feet or 150 sq ft/gallon. The wet film thickness, exclusive of aggregate is 24± MILS per coat at a rate of 1.5 gallon/100 sq ft or 150 sqft/gallon. Second coat applications maybe needed for vertical applications such as curbs, walls and vertical penetrations. When Second coat applications are needed follow the same coverage as the first coat applications.

STORAGE AND STABILITY

Keep container closed, store in a dry, cool place away from heat, sparks, open flame, and moisture.

HP-9900 has a maximum shelf life of one year when stored at temperatures between 40°F and 80°F (4.44°C and 27°). Caution should be exercised to prevent material from freezing.

MIXING

Before application, mix **HP-9900** using a mechanical mixer at slow speed. Mix **HP-9900** thoroughly until homogenous mixture and color is attained. Do not dilute under any circumstances.

TECHNICAL DATA

Property	Test Method	Results
Hardness Shore A (%)	ASTM D2240	60 ± 5
Tensile Strength (psi)	ASTM D412	1501
Tear Strength (pli)	ASTM D624	150
Elongation (%)	ASTM D412	150 ± 50
Specific Gravity		1.35
Total solids by weight (%)	ASTM D2369	92 ± 2
Total solids by volume (%)	ASTM D2697	88 ± 2
Viscosity @ 77°F (22°C) (cps)		20,000 - 40,000
Volatile Organic Compounds (gms/filters)	ASTM D-239-81	100
Recoat window		24 hrs

APPLICATION

Review all technical data sheets, system sheets, labels, instructions, SDS, and Guide Specifications before applying. Cure time will vary bases on temperature and atmospheric conditions.

Prior to coating any surface, be sure the coating will adhere by performing an adhesion test (ASTM D903). Coating may be applied by brush, spatula or trowel. Do not apply when temperatures are below 40° (4.4°C) or when precipitation is in the forecast.

MAINTENANCE

Periodic maintenance of **HP-9900** Systems ensures extended performance and reduces life cycle costs

The information, data and suggestions contained herein are believed to be reliable, based upon our knowledge and experience. For the most up to date information, please visit www.hydro-gard.com. **HYDRO-GARD** accepts no responsibility for the results obtained through application of this product. **HYDRO-GARD** reserves the right to update information without notice.

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TECHNICAL SERVICES

Additional information, product brochures, and a guide specification are available. Roof energy evaluations, life cycle cost analysis, and other roof management services are also available from **Hydro-Gard** technical department.

HEALTH AND SAFETY

Hydro-Gard is committed to the health and safety of our customers. **Hydro-Gard** products shall only be installed by certified contractors. Applicators are required to follow all proper handling, safety and installation procedures. Safety Data Sheets (SDS) are available on this material. Any individual who may come into contact with these products should read and understand the SDS.

VAPOR INHALATION

Effects of overexposure to vapor are characterized by nasal and respiratory irritation, dizziness, nausea, headache, fatigue, possible unconsciousness or even asphyxiation. Vapor inhalation problems are characterized by coughing, shortening of breath and tightness in chest. Anyone exhibiting these types of symptoms should be immediately removed from the workplace and administered oxygen or fresh air. If the condition is prolonged or extreme **SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.**

SKIN CONTACT

Skin contact with liquid components can result in a rash or other irritation. Wash affected skin area with water. Wipe residual liquid from the skin with a clean cloth, then wipe the affected area with 30% solution of rubbing alcohol. Follow the alcohol wipe with repeated washing's with soap and water. If a rash or other irritation develops, see a physician.

EYE CONTACT

Eye contact with liquid or sprayed components can result in corneal burns or abrasions. Upon exposure, eyes should be flushed with water for an extensive period. **SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.**

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LIMITED WARRANTY. We warrant our Products to be free of manufacturing defects and to comply with the Product's current published physical properties when tested under controlled conditions. Our sole responsibility is limited to replacement of that portion of any Products found to be defective at the time of manufacture. There are no other warranties of any nature whatsoever, whether expressed or implied, including an express disclaimer of any warranty of merchantability or fitness for a particular purpose. Further, we disclaim any liability for damages of any type, however caused, including remote, consequential damages, or special damages resulting from any theory of liability, whether based on tort, negligence, or strict liability. We disclaim responsibility for any claims of intellectual property infringement through use of our Products in any manner. No warranty or guarantee is issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, abnormal wear and tear, or improper application by the applicator. Damage caused by abuse, neglect, lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded. In all instances and as a pre-condition to any available remedy, we reserve the right to conduct sample testing and performance analysis on any materials claimed to be defective, performed prior to any repairs being made by owner, general contractor, or applicator. Our limited warranty is void if repairs have been made or attempted, or if the claimed defect has been adulterated prior to our ability to conduct a formal investigative analysis.

DISCLAIMER: Please read all information in the general guidelines, technical data sheets, application guide and safety data sheets (SDS) before applying material. Products are for professional use only and should only be applied by professionals who have prior experience with our Products or have undergone specific training in their proper application. Published technical data and instructions are subject to change without notice. Contact your local representative or visit our website for current technical data and instructions. All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of these tests are not guaranteed and are not to be construed as a warranty, either expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with any product. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the Products for his own intended use, application and job situation and user assumes all risk and liability resulting from his own use of the Products. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. We are not liable to the purchaser, end-user, or any third party for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, our Products. Recommendations or statements, whether verbal or in writing, shall not be binding upon us unless in writing and signed by one of our authorized corporate officers. Technical and application information is provided for establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and we make no claim that these tests or any other tests, accurately represent all environments. We are not responsible for typographical errors. All Rights Reserved.