



HYDROWRAP UNIVERSAL PRIMER

Methyl-Methacrylate (MMA) Primer

DESCRIPTION

HYDROWRAP UNIVERSAL PRIMER is a two-component, methyl-methacrylate (MMA) primer used with HYDROWRAP PUMA FLASHING from W. R. MEADOWS. HYDROWRAP UNIVERSAL PRIMER is mixed with HYDROWRAP CATALYST (supplied separately) before application.

USES

HYDROWRAP UNIVERSAL PRIMER is designed for porous and non-porous substrates, such as concrete, metal, and wood surfaces prior to application of HYDROWRAP PUMA FLASHING.

FEATURES/BENEFITS

- Cures rapidly
- Can be used in cold temperatures, down to 14° F (-10° C)
- May be overcoated in as little as one hour

PACKAGING

2.67 Gallon (10.1 L) Pails

COVERAGE

100 ft.²/gal. (2.45 m²/L) achieves 16 wet mils

Coverage is approximate and may vary depending on the surface profile.

SHELF LIFE

When stored indoors and in original, unopened containers at temperatures between 40 - 95° F (4 - 35° C), shelf life is one year from date of manufacture.

SPECIFICATIONS/STANDARDS

- Complies with all current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, LADCO, SCAQMD, and OTC Phase I and II.

APPLICATION

This data sheet is not a standalone installation guide. HYDROWRAP UNIVERSAL PRIMER is used as part of the HYDROWRAP PUMA FLASHING system. Please follow all instructions for use as outlined in the HYDROWRAP PUMA FLASHING INSTALLATION GUIDELINE based on the specific project requirements.

Surface Preparation ... Substrate, air, and material temperatures must be between 32° - 90° F (0° - 32.2° C). Concrete should be water cured and has attained a 3000 psi (20.7 MPa) minimum compressive strength. Moisture content in the concrete must be lower than 6% as measured using equipment, such as a Tramex CME 4 moisture meter. Excess moisture in the concrete can prevent the coating materials from performing as intended. Depending on the concrete construction and jobsite location, additional concrete testing may be required.

Metal surfaces must be prepared in conformance to SSPC-SP 10/NACE No. 2 Near White Blast Cleaning. The near-white metal blast-cleaned surface shall be free of visible oil, grease, dust, dirt, mill scale, rust, coating, oxides, corrosion products, and all other contaminants. After surface preparation, clean all metal surfaces with HYDROWRAP PUMA CLEANER.

Wood must be 5/8" (15.9 mm) exterior-grade plywood, "A"-side up and well fastened with ring shank nails or screws, with proper consideration given to joints and movement.

CONTINUED ON REVERSE SIDE ...

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Mixing ... Premix HYDROWRAP UNIVERSAL PRIMER for two minutes. Combine HYDROWRAP UNIVERSAL PRIMER thoroughly together with HYDROWRAP CATALYST in accordance with the temperature chart below for an additional 2 - 3 minutes.

Temperature °F (°C)	Volume oz./gal. HYDROWRAP CATALYST
40 (4.4)	add 10 volume oz. (0.2957 L) per gallon (3.78 L)
50 (10)	add 8 volume oz. (0.2365 L) per gallon (3.78 L)
60 (15.5)	add 6 volume oz. (0.1774 L) per gallon (3.78 L)
70 (21.1)	add 4 volume oz. (0.1182 L) per gallon (3.78 L)
80 (26.6)	add 3 volume oz. (0.0887 L) per gallon (3.78 L)
90 (32.2)	add 2 volume oz. (0.0591 L) per gallon (3.78 L)

Application Method ... Apply HYDROWRAP UNIVERSAL PRIMER at a minimum of 100 ft.²/gal (2.45 m²/L) to yield 16 wet mils with a medium nap roller or brush to the entire area to be detailed with HYDROWRAP PUMA FLASHING. Installation less than 16 mils wet may cause improper curing.

Drying Time ... Allow HYDROWRAP UNIVERSAL PRIMER to cure for a minimum of 60 minutes or until fully cured, prior to installation of HYDROWRAP PUMA FLASHING.

LIMITATIONS/PRECAUTIONS

Product should be used outdoors only. maximum storage temperature is 77° F (25° C). Avoid direct contact as well as inhalation of vapors. Use appropriate personal protective equipment.

HEALTH AND SAFETY

Highly flammable liquid and vapors. Avoid contact with sources of ignition. If OSHA PELs are exceeded, appropriate personal protective equipment should be utilized. Direct contact with eyes/skin may result in mild to moderate irritation. Skin sensitization may also occur with repeated exposures. Inhalation may result in irritation to the respiratory tract. Repeated/long-term exposures may result in permanent damage and be potentially fatal. Consult SDS for complete health and safety information.



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control

over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.