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JUNE 2025
(Supersedes July 2024)

MEL-PRIME™ W/B

Water-Based Adhesive

DESCRIPTION

MEL-PRIME W/B water-based adhesive is a ready-to-use compound specifically formulated with polymers in a true water-based emulsion.

USES

Apply MEL-PRIME W/B to simultaneously prepare and dustproof new, existing, vertical, and horizontal surfaces in one easy, economical operation. MEL-PRIME W/B is designed to condition surfaces that receive waterproofing and air and vapor barrier products from W. R. MEADOWS. Use MEL-PRIME W/B to condition all concrete surfaces to receive applications of MEL-DEK™, MEL-ROL®, and/or AIR-SHIELD™ from W. R. MEADOWS. Applicable substrates include precast concrete, cast-in-place concrete, masonry (concrete block), exterior-grade fiberglass-faced gypsum board, insulating sheathing, primed steel, aluminum mill finish, anodized aluminum, primed galvanized metal, insulated concrete forms, and untreated lumber.

FEATURES/BENEFITS

- Ready to use.
- Easy to apply/No harmful odors.
- Brown to blackish in color and turns to full black after curing for easy, visible identification of coverage area.
- Provides durable, strong adhesion.
- Compatible with full line of W. R. MEADOWS building envelope products.
- Non-combustible.
- Ideal for conditioning new, existing, horizontal, vertical, interior, and exterior concrete surfaces.
- VOC compliant.

PACKAGING

1 Gallon (3.79 Liter) Units
5 Gallon (18.9 Liter) Pails

COVERAGE

150 - 200 ft.²/gal. (3.7 - 4.9 m²/L)

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40 - 90° F (4 - 32° C), optimum performance and best use is obtained within six months of date of manufacture.

TECHNICAL DATA

VOC Content: 0 g/L

SPECIFICATIONS/STANDARDS

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

APPLICATION

Surface Preparation ... Concrete should be clean, dry, smooth, and free of all voids. Repair spalled areas, fill all voids, and remove sharp protrusions. For additional surface preparation requirements, see instructions for applying MEL-DEK, MEL-ROL, and/or AIR-SHIELD.

Mixing ... Product requires thorough mixing prior to application.

Application Method ... Apply MEL-PRIME W/B in fair weather when the surface and air temperatures are 40° F (4° C) and rising. Apply with a sprayer*, roller, or brush. Condition only the area to be covered with the product membrane during the working day. Areas not covered with a membrane in 24 hours must be reconditioned. NOTE: Metal surfaces do not require conditioning; however, they must be clean, dry, and free of loose paint, rust, or other contaminants.

*Only specific sprayers will work with the product. Hand-pump sprayers are not recommended for application. Please contact W. R. MEADOWS if spraying for proper recommendations.

Drying Time ... Dries in approximately one hour, depending on temperature and application rate. Surface must be tacky to the touch before covering. If the work area is very dusty, apply membrane as soon as possible after MEL-PRIME W/B is dry.

CONTINUED ON REVERSE SIDE ...

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Cleanup ... Application equipment can be cleaned with soap and water before MEL-PRIME W/B dries. Once dry, equipment can be cleaned with mineral spirits.

PRECAUTIONS

Do not apply MEL-PRIME W/B when rain is imminent, on frost or frost-covered surfaces, or when surface and air temperatures are below 40° F (4° C). Avoid allowing MEL-PRIME W/B puddle – this will lengthen drying time. Do not dilute, use as KEEP FROM FREEZING. Refer to Safety Data Sheet for complete health and safety information.

For most current data sheet, further sustainability information, and SDS, visit www.wrmeadows.com.



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.