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MEL-ROL®**ROLLED, SELF-ADHERING WATERPROOFING MEMBRANE****DESCRIPTION**

MEL-ROL waterproofing system is a flexible, versatile, dependable, roll-type waterproofing membrane. It is composed of a nominally 56 mil thick layer of polymeric waterproofing membrane on a heavy duty, four-mil thick, cross-laminated polyethylene carrier film. The two components are laminated together under strict quality-controlled production procedures. A handy overlap guideline is printed 2 ½" in from the material edge on each side to assure proper overlap coverage and to assist in maintaining a straight application. Special exposed polymeric membrane strips are provided on both sides for positive membrane-to-membrane adhesion in the overlap area. The membrane strips are protected by a pull-off release strip. All components of the MEL-ROL waterproofing system work together to provide a cost-effective, positive waterproofing system that's quick and easy to apply.

W. R. MEADOWS accessory products included in the MEL-ROL waterproofing system are: BEM, MEL-ROL LIQUID MEMBRANE, MEL-PRIME™ adhesive (solvent-based and water-based), POINTING MASTIC, DETAIL STRIP, CATALYTIC BONDING ASPHALT, TERMINATION BAR, PROTECTION COURSE and MEL-DRAIN™ drainage board.

USES

MEL-ROL waterproofing system provides a cost-effective answer to properly waterproof foundations, vertical walls, and below-grade floors in residential and commercial construction. It is equally effective for use as between-the-slab waterproofing on plaza decks, parking decks, and structural slabs. Use it as a waterproofing membrane to isolate mechanical and electronic rooms, laboratories, kitchens, and bathrooms. MEL-ROL offers positive protection when "wrapped around" major rapid transit, vehicular, utility, and pedestrian tunnel projects. MEL-ROL can also be used on insulated concrete forms (ICF). Installation of PROTECTION COURSE from W. R. MEADOWS is recommended before backfilling. MEL-ROL can also be used with drainage boards when specified.

FEATURES/BENEFITS

- * Provides cost-effective, flexible, versatile, dependable, positive waterproofing protection against damaging moisture migration and the infiltration of free water.
- * Offers a quick and easy-to-apply system for maximum productivity.
- * Special membrane-to-membrane adhesion provides additional overlap security.
- * Meets or exceeds the test requirements of all currently applicable specifications.
- * Components work together for positive waterproofing protection.
- * Handles with ease on the jobsite.
- * Available in a low temperature version for use when air and surface temperatures are between 20° F and 60° F. An extra-low temp version is also available, ideal for application in extra-low temperatures down to 0° F.

PACKAGING

38.5" wide x 62.5" long, one roll per carton.

COVERAGE

Provides 200 ft.² per roll. Gross coverage is 200 ft.². [Net coverage is 187.5 ft.² with overlap of 2 ½"]



PREMOULDED MEMBRANE® VAPOR SEAL with PLASMATIC® CORE

VAPORPROOFING/WATERPROOFING MEMBRANE

DESCRIPTION

PREMOULDED MEMBRANE VAPOR SEAL WITH PLASMATIC CORE (PMPC) is a patented seven-ply, weather-coated, permanently bonded, semi-flexible vaporproofing/waterproofing membrane. It is composed of an exclusive plasmatic core suspended mid-point between two layers of a homogeneous, bituminous material, and then sealed under heat and pressure between liners of asphalt-impregnated felt and a glass-mat liner. An asphalt weather coat is applied to the glass-mat liner and covered with a polyethylene anti-stick sheet.

PMPC provides a positive, easy-to-install, economical, true vaporproofing and waterproofing system for horizontal applications. Properly applied, it stops moisture migration in footings, concrete floors, and structural slabs.

PREMOULDED MEMBRANE VAPOR SEAL WITH PLASMATIC CORE is both waterproof and vaporproof.



USES

PMPC, when properly applied, is designed to stop moisture migration (liquid or vapor) in footings, concrete floor slabs, and structural slabs, which greatly reduces fungus, mildew, and mold. It is especially useful under slabs overlaid with wood, tile, epoxy, and urethane coatings, carpeting, and resilient or seamless flooring systems, since it helps prevent warping and buckling caused by moisture migration. PMPC also greatly reduces radon gas from entering the structure.

FEATURES/BENEFITS

- * Offers a virtually impermeable vaporproofing system with a perm rating of less than 0.002 perms, the lowest in the industry.
- * As the only true vapor barrier for horizontal applications, it is both waterproof and vaporproof.
- * Provides excellent tensile strength and puncture resistance.
- * Helps prevent warping, buckling, or delamination of subsequent flooring systems.
- * Conforms to ASTM E 1993-98 specification.
- * Greatly reduces fungus, mildew, and mold.
- * Greatly reduces radon gas from entering the structure.
- * Helps meet and maintain the maximum slab moisture transfer rate of 3 lb./1000 sq. ft./24 hours, as allowed by the flooring industry's specifications.

SPECIFICATIONS

ASTM E 1993 (2008)*

*Standard Specification for Bituminous Water Vapor Retarders used in Contact with Soil or Granular Fill under Concrete Slabs.

FIBRE EXPANSION JOINT

EXPANSION JOINT FILLER



FIBRE EXPANSION JOINT is composed of cellular fibers securely bonded together and uniformly saturated with asphalt to assure longevity. Wherever a cost-effective joint filler is required, FIBRE EXPANSION JOINT meets the need. Manufactured and marketed by W. R. MEADOWS since the early 1930s, FIBRE EXPANSION JOINT is backed by over 80 years of proven application experience. FIBRE EXPANSION JOINT is versatile, resilient, flexible and non-extruding. When compressed to half of its original thickness, it will recover to a minimum of 70% of its original thickness. FIBRE EXPANSION JOINT will not deform, twist, or break with normal on-the-job handling. Breakage, waste and functional failure resulting from the use of inferior, foreign fiber materials can cost you time and dollars and can result in a substandard finished job, generating costly callbacks and rework expenses. However, the purchase and installation of FIBRE EXPANSION JOINT (a small segment of the total project's cost) contributes to both the final cost efficiency and functional success, far greater in proportion than its original cost.

USES

FIBRE EXPANSION JOINT is ideal for use on highways, streets, airport runways, sidewalks, driveways, flatwork, and scores of commercial and industrial applications subject to pedestrian and vehicular traffic.

FEATURES/BENEFITS

- * Provides the ideal product for the majority of all expansion/contraction joint requirements.
- * Non-extruding ... versatile ... offers a minimum 70% recovery after compression.
- * This tough, lightweight, easy-to-use, semi-rigid joint filler is available in strips and shapes fabricated to your requirements.
- * Easy to cut ... dimensionally stable ... not sticky in summer or brittle in winter.
- * Provides neat, finished joints requiring no trimming.
- * Often copied ... but never equaled.
- * Remains the standard of the industry today ... with over 80 years of proven and satisfactory performance.
- * Can be punched for dowel bars and laminated to thicknesses greater than 1".





SPEED-E-JOINT

PREFORMED CONTRACTION JOINT

SPEED-E-JOINT consists of two solid pieces that have been pre-assembled for easy handling and installation.

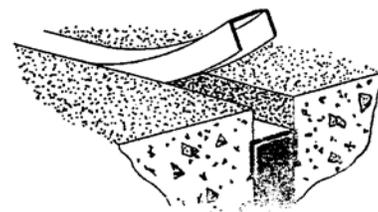
SPEED-E-JOINT offers an ideal solution to controlling cracks in concrete. It is a rigid preformed contraction joint that produces a straight-line crack on the surface of concrete slabs and locks into the aggregate just below the surface. SPEED-E-JOINT is strong, economical, and eliminates waste in providing straight lines. It is quick and easy to install. The top section pulls free once the joint has been placed correctly in the wet concrete. Furnished in three depths: 1", 1.5" and 2". Standard length is 10".



SNAP-CAP

EXPANSION JOINT CAP

SNAP-CAP provides a time- and cost-saving method for forming straight, uniform, and debris-free joints of the proper configuration, ready to seal. The top of SNAP-CAP pulls free and can be discarded. The exposed concrete surfaces assure balanced adherence to the sides. It is ideal for both horizontal and vertical concrete projects. SNAP-CAP is available in four widths.





1100-CLEAR

RESIN-BASED, WATER EMULSION CONCRETE CURING COMPOUND

DESCRIPTION

The 1100-CLEAR series of water-based concrete curing compounds is formulated from hydrocarbon resins and may be used on interior, exterior, vertical, and horizontal concrete surfaces. Once applied, 1100-CLEAR forms a premium-grade membrane that retains an optimum amount of water in freshly placed concrete for complete hydration of the cement. NOTE: After approximately four weeks, the membrane begins to chemically break down when exposed to UV rays. The membrane will eventually dissipate from the surface. This process is sped up by exposure to traffic and UV light, as well as weathering conditions.

USES

The 1100-CLEAR series has been used on both interior and exterior applications where paint, resilient tile, or resilient flooring may be applied later. Because of the wide variety of coatings, paints, adhesives, and toppings available, contact the manufacturer of the flooring system or subsequent coating or topping for application approval over resin-based curing compounds. A small test application is always recommended.

FEATURES/BENEFITS

- * When properly applied, 1100-CLEAR produces a premium-grade film, which optimizes water retention.
- * Furnished as a ready-to-use, true water-based compound.
- * Produces hard, dense concrete ... minimizes hair checking, thermal cracking, dusting, and other defects.
- * Offers a compressive strength significantly greater than improperly cured or uncured concrete.
- * Increases tensile strength for greater resistance to cracking and surface crazing.
- * Improves resistance to abrasion and the corrosive.

SURE-STEP™**SLIP-RESISTANT ADDITIVE****DESCRIPTION**

SURE-STEP slip-resistant additive is a finely ground polymer material for addition to concrete sealers for slip resistance. This additive can be added to most film-forming water- and solvent-based sealers, including the CS-309™, DECRA-SEAL™, and VOCOMP® series, as well as TIAH® and SEAL CURE™-309-25 from W. R. MEADOWS. Please consult sealer manufacturer prior to using, if using a product not listed above.

SURE-STEP provides improved chemical and abrasion resistance, and is more comfortable to bare feet on treated surfaces than sand or aggregate additives. The product's low density and insolubility characteristics will help reduce settling and provide optimum performance in its various applications, without changing the viscosity. Due to its low density, SURE-STEP stays suspended in thin materials.

USES

SURE-STEP is perfect for use on areas where a non-slip surface is desired. This includes walkways, driveways, garage floors, patios, and other surfaces.

FEATURES/BENEFITS

- * Provides improved chemical and abrasion resistance.
- * Does not change viscosity.
- * Allows easy cleaning of the surface.
- * Provides a smoother feel under foot.
- * Slip-resistant.

PACKAGING 3.2 oz. units (36/carton) 16 oz. units (12/carton)

COVERAGE

The 3.2 oz. container of SURE-STEP is recommended for addition to a one-gallon can. The 16 oz. container is recommended for five-gallon pails.

LEED INFORMATION

May help contribute to LEED credits:

MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally

MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

APPLICATION

Surface Preparation... Follow surface preparation directions of sealer being applied.

Application Method... SURE-STEP is designed to be incorporated into a suitable concrete sealer. Minimum addition ratios are 3.2 oz. per one gallon can and 16 oz. per five-gallon pail. Additional SURE-STEP can be added, depending on the desired texturing effect. Do not exceed eight oz. per gallon. Stir, while adding SURE-STEP to the container of sealer. The product may float at first, but once it has wet out, it will mix in easily. In thinner products, occasional stirring during application may be required to keep the particles well suspended within the coating. It is recommended that when mixing SURE-STEP into unfamiliar sealers that a small test batch is mixed, followed by a small test application. Drying Time ... Follow directions of sealer being applied.



POINTING MASTIC

COLD-APPLIED, SINGLE-COMPONENT POLYMERIC SEALING
COMPOUND



DESCRIPTION

POINTING MASTIC is a pre-mixed, cold-applied, polymeric, single-component sealing compound. POINTING MASTIC was specifically designed to seal all exterior, vertical, and horizontal terminations of MEL-ROL®, PRECON®, MEL-DEKTM, AIR-SHIELDTM, PERMINATOR®, andPREMOULDED MEMBRANE® VAPOR SEAL WITH PLASMATIC® CORE from W. R. MEADOWS. It is also used for adhesive bonding of PROTECTION COURSE and MEL-DRAINTM. POINTING MASTIC can be used on all patches and overlaps in detail areas. It offers excellent cohesive and adhesive qualities when applied to structural concrete, masonry, and/or wood. Once applied, it provides excellent adhesive and bonding strengths. POINTING MASTIC cures to form a tough, flexible membrane.



USES

POINTING MASTIC is designed to meet a variety of building/construction product applications. These uses include sealing terminations for vertical or horizontal vaporproofing or waterproofing membranes, deck waterproofing systems, air barriers, and flashing membranes.

It is used for adhesive bonding of protection course boards and rolled matrix draining systems. POINTING MASTIC is also applied between membrane and clamping rings at all terminations, drains, and protrusions. In addition, POINTING MASTIC is ideal for sealing joints and concrete curbs and gutters. The product can also be used with sewer joints.

POINTING MASTIC can be applied to seal top edge horizontal terminations as well as the inside and outside corners of overlapping detail strips.

FEATURES/BENEFITS

- * Premixed and easy to apply with caulking gun or trowel.
- * Excellent cohesive and adhesive strengths.
- * Will not lose bond once applied.
- * Specifically developed for use with detail strips, vaporproofing and waterproofing membranes, protection course boards, and rolled matrix drainage systems.

PACKAGING

29 Oz. (857.65 mL) Cartridges

5 Gallon (18.93 Liter) Pails

COVERAGE

Approx. 200 lineal ft. (61 m) per gallon (3.79 L), when used as directed.