1. PRODUCT NAME

**BoneDry® RPT**

2. MANUFACTURER

GMX, Inc.
2034-C Van Buren Ave
Indian Trail, NC 28079
Phone: 866-228-7743
Fax: 216-430-3500

3. PRODUCT DESCRIPTION

BoneDry RPT is a polymer modified asphalt emulsion developed for use as a below grade waterproofing barrier. BoneDry RPT’s outstanding adhesion, low vapor permeance and elongation up to 1200% make it a great choice for waterproofing applications. Some typical applications include waterproofing residential basements and crawl spaces.

The addition of rubber polymer to the base emulsion enables the membrane to:

- Elongate up to 1850% Min.
- Bridge shrinkage cracks (up to 1/16")
- Control water migration between the coating and application surface (localize leaks)
- Impede water at high heads due to improved water vapor permeance
- Comply with EPA Model Standard for radon control in new home construction
- Self-heal

BoneDry RPT is manufactured to the highest quality control standards and in accordance with ISO 9001:2015 requirements. ISO certification ensures that each gallon produced meets the highest quality control standards in the industry.

BoneDry RPT is compatible with a wide range of insulation, drainage and protection products. Your applicator can design the waterproofing solutions best suited to each project's specific application requirements and budgetary constraints.

4. INSTALLATION

**Preparatory Work:** The walls and footings must be dry and of sufficient strength and design to ensure structural integrity. Concrete wall and mortar joints must cure a minimum 16 hours before BoneDry RPT is applied. Foundation design using concrete blocks should fall within guidelines established by the National Concrete Masonry Association and be acceptable to the local building code enforcement agency.

BoneDry RPT should not be applied during inclement weather and the installation should not proceed in the event that precipitation is probable during the application. Consult your local GMX representative or the GMX Technical Department for application recommendations when application temperatures are less than 20°F. Store waterproofing materials at room temperature until immediately prior to use when the ambient temperature is less than 40°F. Discontinue application if the material can not be stored at temperatures which permit even distribution of product. Avoid inhaling the spray mist and take precautions to ensure adequate ventilation. Consult the product MSDS Sheet prior to spraying.

**Membrane Installation:** After the wall and footing surfaces have been properly prepared, spray, roller or brush apply BoneDry RPT over the entire wall surface (to the designated grade line) and along the perimeter. Particular emphasis should be paid to wall joints and the joint between the walls and footings. BoneDry RPT is applied at a rate of 20–25 sq. ft. per gallon in residential applications and to the specified rate in commercial applications. A two pass application is generally recommended to ensure sufficient dry mil thickness without excessive running or puddling. To ensure a smooth, consistent spray pattern, warm the material to 100–130°F immediately prior to spraying.

Protection, drainage or insulation board is typically installed over BoneDry RPT to protect the membrane from damage by the backfill, to assist in draining water away from the foundation and/or to insulate the foundation wall. The insulation/protection course is not required by code in residential applications. It is recommended for commercial waterproofing applications. BoneDry RPT is compatible with a wide range of insulation and protection boards including, but not limited to rigid fiberglass insulation/protection board, extruded polystyrene insulation and sheet drain materials. Any question regarding the compatibility of BoneDry RPT with a specific insulation/protection board or drainage board should be directed to the GMX Technical Department.
**TECHNICAL DATA**

**PRODUCT SPECIFICATIONS**
Type: Polymer modified asphalt waterproofing membrane

- **Color:** Black
- **Solids:** 64% +/- 5% (by weight)
- **Application:** Brush, Roller, Spray
- **Application Rate:** 22.5 ft²/gal. (0.56 m²/L)
- **Elongation (ASTM D 412):** 1850% Min.
- **Weight:** 8.5 lbs. per gallon
  
  (1.02 gal./cu. cm.)
- **Flash Point:** N/A
- **Viscosity @ 77°F (25˚C):** 200 grams
- **Drying Time @ 77°F (25˚C):** 4 hrs. to touch
- **Shelf Life:** 1 year

**SHIPPING INFORMATION**

- **Proper Shipping Name:** Non-regulated material
- **Water-based asphalt emulsion**
- **Hazard Class:** Not Applicable
- **Identification:** Not Applicable
- **Packaging Group:** Not Applicable

**NOTE:** Applies to DOT-U.S./MOT-CANADA/INT’L (ALL MODES).

**CAUTION:** BoneDry RTP is a water-based material.
**KEEP FROM FREEZING DURING TRANSIT AND STORAGE.**

**May help to contribute to LEED® credits:**

- **EA Credit 1: Optimize Energy Performance**
- **EQ Credit 3.1: Construction IAQ Management Plan: During Construction**
- **EQ Credit 4.2: Low Emitting Materials: Paints and Coatings**
- **MR Credit 5.1: Regional Materials: 10% Extracted, Processed and Manufactured Regionally**
- **MR Credit 5.2: Regional Materials: 20% Extracted, Processed and Manufactured Regionally**

**6. WARRANTY**

GMX may offer warranties for its membranes and system applications when they are installed in accordance with the published specifications in effect at the time of installation. For specific warranty terms and conditions, contact your local GMX representative or the Home office.

**7. TECHNICAL SERVICES**

Your local GMX representative is available to assist you in selecting the appropriate product and to provide on-site application assistance. For further information, please contact our Technical Service Dept. at 866-228-7743.

---

Drain tile or strip drain must be installed as per the manufacturer’s instructions to ensure proper removal of water from the foundation walls and footings.

Backfill must be graded to direct surface water away from the exterior foundation walls.

**Additional Procedures for Poured Concrete Walls:**
BoneDry RPT can be applied immediately after the forms have been removed. Remove wall ties prior to application. Fill any large voids and tie holes with a non-shrinking grout or asphalt based cement. Do not apply GMX to frozen concrete.

**5. AVAILABILITY AND COST**

GMX materials are produced in and shipped from our plants in Cleveland, OH and Indian Trail, NC. For the name and number of the nearest GMX representative, call us at 866-228-7743. Our representatives can provide pricing and put you in contact with our nearest stocking distributor.

**LEED® Buildings and Leadership in Energy and Environmental Design® are trademarks of the U.S. Green Building Council. The Leadership in Energy and Environmental Design (LEED) Green Building Rating System is a voluntary, consensus-building national standard that was initiated by the U.S. Green Building Council (USGBC) for developing high-performance sustainable buildings.**

BoneDry is a trademark of GMX, Inc. rev. 3/19

© 2019 Garland Industries, Inc.

GMX, Inc.
2034-C Van Buren Ave
Indian Trail, NC 28079
Toll Free: 866-228-7743
Fax: 216-430-3500
www.gmxwaterproofing.com