



# DRYTEK® DM1 Reinforcement Mat

DS-050.0-0714

**Globally Proven  
Construction Solutions**

## 1. PRODUCT NAME

DRYTEK® DM1 Reinforcement Mat

## 2. MANUFACTURER

LATICRETE International, Inc.  
1 LATICRETE Park North  
Bethany, CT 06524-3423 USA

Telephone: +1.877.DRYTEK1, ext. 247 or;  
+1.877.379.8351, ext. 247  
Fax: +1.203.393.1684  
Internet: [www.drytek.com](http://www.drytek.com)

## 3. PRODUCT DESCRIPTION

DRYTEK DM1 Reinforcement Mat is mesh reinforcement bonded to a sheet comprised of polymeric fibers. Acting as both decoupling and reinforcement, DRYTEK DM1 is part of the DRYTEK Reinforcement Mat System when encapsulated in a DRYTEK Self-Leveling Underlayment.

DRYTEK DM1 Reinforcement Mat was replaced by DRYTEK™ Decoupling Mat which offers identical product performance.

### Suitable Substrates (Interior Only)

- Concrete
- Vinyl Tile
- Cement Terrazzo
- Exterior Glue Plywood
- Ceramic Tile and Stone
- Cement Mortar Beds
- Asbestos Tile
- Gypsum patches and underlayment
- Wood Plank Flooring
- Metal

### Advantages

- Provides a simple and effective solution for installing floor goods in areas where contamination remediation is difficult
- Allows for in-plane movement of finished flooring systems
- Entangled matrix of recycled nylon filaments provides mechanical reinforcement to achieve superior mechanical bond
- Lightweight reinforcement mat is far less cumbersome than traditional metal lath. Ideal for use over waterproofing and anti-fracture membranes

### Packaging

DRYTEK DM1 Reinforcement Mat:  
488 ft<sup>2</sup> (45.3 m<sup>2</sup>), 8 rolls per pallet, 59 lbs (26.8 kg) per roll.

### Approximate Coverage

Approximately coverage 488 ft<sup>2</sup> (45.3 m<sup>2</sup>) per 39" X 150' (990 mm x 45.7 m) roll

### Shelf Life

Product should be stored in dry conditions and in the original packaging.

### Limitations

- DRYTEK DM1 Reinforcement Mat is not recommended for steel-wheeled traffic.
- For interior use only.
- Do not use over dynamic joints, structural cracks or cracks with vertical differential movement.
- Do not install when surface temperature is below 40°F (4°C) or above 90°F (32°C).
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE Waterproofing Membrane. Contact LATICRETE Technical Services for more information.
- Not for use in submerged applications.

### Cautions

Before using any DRYTEK product:

- Check [www.drytek.com](http://www.drytek.com) for any technical bulletins or updated information about the product and its application
- Contact your local DRYTEK Technical Sales Representative with any questions.
- Protect finished work from traffic until fully cured.
- Keep out of reach of children.

## 4. TECHNICAL DATA

Specifications are subject to change without notification. Technical data shown in DRYTEK product data sheets and technical data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors.

|                    |   |
|--------------------|---|
| Matrix Composition | Nylon 6   |
| Thickness, Nominal | 0.19" (4.6 mm)                                  |
| Installed Weight   | 12.3 Oz/Yd <sup>2</sup> (417 G/M <sup>2</sup> ) |

## 5. INSTALLATION

### Surface Preparation

Remove loose materials and sweep the substrate. Fill non-structural cracks and voids in substrate with DRYTEK® Premium SKIMCOAT Patch Underlayment or DRYTEK 8400 to ensure that the DRYTEK DM1 Reinforcement Mat lays flat on the floor.

**Note:** *Substrate deflection under all live, dead and impact loads, including concentrated loads, shall comply with applicable building code and finish floor manufacturer requirements.*

### DM<sub>1</sub> Reinforcement Mat Layout

DRYTEK DM1 Reinforcement Mat includes an additional 5 inch "flap" of fabric along one of the long edges of each roll. The fabric backing of adjacent rolls should overlap while the nylon matrices of adjacent rolls will abut. When covering an entire floor it is generally best to roll out material parallel to the longest wall.

### Roll-out and Cut

- It is recommended to install a perimeter isolation strip before the installation of DRYTEK DM<sub>1</sub> Reinforcement Mat. Refer to TDS 230D DRYTEK Substrate Preparation and Primer Guide for more detailed surface preparation and priming instructions.
- Measure and cut mat to length
- Loose lay mats on substrate to ensure coverage pattern will work
- Always install with fabric side down/matrix side up
- Align lengths so the next length will lie on top of the 5" (125 mm) "flap" of fabric.

### Installation

1. Place DRYTEK DM1 Reinforcement Mat on substrate fabric side down/matrix side up.
2. Use staples or spray adhesive to hold mat in place during self-leveler installation as mat may tend to curl up through the surface.
3. Apply Primer and DRYTEK Self-Leveling Underlayment. Refer to TDS 230D DRYTEK Substrate Preparation and Primer Guide (Priming with Multi-Purpose Primer) for more detailed surface preparation instructions.
4. DRYTEK self-leveling underlayments must be applied at a minimum of 3/4" (19mm)

## 6. AVAILABILITY AND COST

### Availability

#### For Distributor information, call:

Telephone: +1.203.393.0010

For on-line Distributor information, visit LATICRETE at

[www.drytek.com](http://www.drytek.com)

### Cost

Contact DRYTEK Technical Sales Representative in your area.

## 7. WARRANTY

See 10. FILING SYSTEM

DS 230.13: LATICRETE® Product Warranty

## 8. MAINTENANCE

Non-finish LATICRETE and LATAPOXY installation materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

## 9. TECHNICAL SERVICES

### Technical assistance

Information is available by calling the DRYTEK Technical Service Hotline:

Telephone: +1.877.DRYTEK1, ext. 247 or;  
+1.877.379.8351, ext. 247  
Fax: +1.203.393.1948

### Technical and safety literature

To acquire technical and safety literature, please visit our website at [www.drytek.com](http://www.drytek.com).

## 10. FILING SYSTEM

Additional product information is available on our website at [www.drytek.com](http://www.drytek.com). The following is a list of related documents:

DS 230.13: LATICRETE Product Warranty  
DS 044.0: DRYTEK 8400  
DS 046.0: DRYTEK Premium Skimcoat Patch Underlayment  
DS 047.0: DRYTEK Multi-Purpose Primer  
TDS 230D: DRYTEK Substrate Preparation and Primer Guide