



# DRYTEK™ 104<sup>S</sup> Premium Epoxy Primer

DS-048.0-0714

**Globally Proven  
Construction Solutions**



## 1. PRODUCT NAME

DRYTEK™ 104<sup>S</sup> Premium Epoxy Primer

## 2. MANUFACTURER

LATICRETE International, Inc.

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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 104<sup>S</sup> Premium Epoxy Primer is a two component, high-solids epoxy primer applied with a sand broadcast –for use with DRYTEK decorative wear surfaces.

DRYTEK 104s Premium Epoxy Primer was replaced by DRYTEK Epoxy Primer which offers identical product performance.

### Suitable Substrates (Interior Only)

- Concrete
- Cement Terrazzo
- Cement Mortar Beds

### Advantages

- Ultimate bond for decorative wear surfaces.
- Easily roller applied
- Provides a barrier between decorative wear surfaces and substrate below.
- Reduced pinholes in the decorative topping.

### Packaging

2 gallon (7.6 L) kit

10 gallon (38 L) kit

### Color

Clear

### Approximate Coverage

2 Gallon (7.6 L) Kit: 180–266 ft <sup>2</sup> (16.7–24.7 m <sup>2</sup> ) at 12–18 mils (0.3–0.5 mm)
10 Gallon (38 L) Kit: 900–1330 ft <sup>2</sup> (83.6–123.6 m <sup>2</sup> ) at 12–18 mils (0.3–0.5 mm)

### Shelf Life

DRYTEK 104<sup>S</sup> Epoxy Primer should be stored in original packaging. Transport and store in clean, dry conditions in unopened containers. Continuous storage temperature should be maintained between 60 – 90°F (15 – 32°C). Protect from freezing. Use within (1) year of date of manufacture.

### Limitations

- Do not install when surface temperature is below 50°F (10°C), when ambient temperature is expected to be below 60°F (16°C) during placement or before material takes final set or when temperature will be 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 on top of the dry DRYTEK underlayment.
- Do not apply DRYTEK 104<sup>S</sup> Premium Epoxy Primer to areas where there is standing water.
- Not for submerged applications.

### Cautions

Before using any DRYTEK product

- Perform a mock-up to ensure product will perform as required
- 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
- Wear gloves and protective goggles.
- Consult SDS for more safety information.
- Keep out of reach of children.

## 4. TECHNICAL DATA

Meets all Federal, State & Local requirements for VOC. Actual field performance will depend on installation methods and site conditions. 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.

Tensile Bond Strength (ASTM C 1583)	350 psi (2.4 MPa)
Pot Life	15 – 25 minutes
Tack Free Dry	5 – 7 hours
Time to Traffic	14 – 16 hours
Full Cure	2 – 7 days

## 5. INSTALLATION

### Surface Preparation

- Refer to TDS 230D DRYTEK® Substrate Preparation and Primer Guide for more detailed substrate preparation instructions.
- All concrete surfaces must achieve an ICRI CSP Profile of 3 - 5.
- Clean substrate to eliminate dust, dirt, oil, grease, paint or any contaminants which may inhibit bonding. Do not use chemicals to clean substrate. Remove any loose particles by vacuuming and damp sponging.
- Inspect for contraction joints, construction joints and cracks in the substrate which may be subject to movement after installation of a DRYTEK self-leveling product. These must be maintained as joints through the DRYTEK self-leveling product.
- Maintain substrate temperature between 50 – 90°F (10 – 32°C) during application and air temperature between 60 – 90°F (16 – 32°C) during drying. Provide adequate ventilation to ensure uniform drying.

### Mixing

Allows kits of DRYTEK™ 104<sup>s</sup> Premium Epoxy Primer to acclimate to 65–75°F (18–24°C) before mixing. Add complete contents of Part B to complete contents of Part A and mix with a low speed drill (400 – 600 rpm) until mix is homogeneous and streak free. To ensure complete blending pour the mixture into a second pail and mix again.

### Application

For proper application instructions refer to DRYTEK Substrate Preparation and Primer Guide, TDS 230D. Field visits by LATICRETE or DRYTEK personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

### Cleaning and Disposal

Clean tools and equipment with Xylol\*. Cured material must be removed mechanically. Dispose of waste material in accordance with local, state or federal regulations.

\* WARNING: Xylol is flammable and hazardous. Use with proper ventilation. Wear safety goggles and gloves. Consult with MSDS before using Xylol.

## 6. AVAILABILITY AND COST

### Availability

LATICRETE® and DRYTEK materials are available worldwide.

### For Distributor Information, Call:

Telephone: +1.203.393.0010

For on-line Distributor information, visit DRYTEK 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

A component of:

DS 230.03: 3 Year Decorative Finish Warranty (United States and Canada)

## 8. MAINTENANCE

Non-finish LATICRETE and DRYTEK 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 230.03: 3 Year Decorative Finish Warranty (United States and Canada)  
TDS 230D: DRYTEK Substrate Preparation and Primer Guide