



## 3000

DS-051.0-0513



### 1. PRODUCT NAME

DRYTEK® 3000

### 2. MANUFACTURER

LATICRETE International, Inc.  
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Bethany, CT 06524-3423 USA

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+1.877. 379.8351, ext. 247

Fax: +1.203.393.1684

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

### 3. PRODUCT DESCRIPTION

DRYTEK 3000 is a revolutionary, fast-setting, lightweight, deep-fill underlayment made from a proprietary blend of portland cement and specialized aggregate. DRYTEK 3000 is easy to mix and can be placed from 3/4" – 6" (19 – 152 mm) in a single lift and capped with a DRYTEK self-leveling underlayment or topping.

#### Suitable Substrates

- Concrete
- Vinyl Tile
- Cement Terrazzo
- Exterior Glue Plywood
- Ceramic Tile and Stone

#### Advantages

- Pourable and pumpable
- Fast drying
- Ultra lightweight
- Achieve deep fills without compromising load constraints
- Fill with DRYTEK 3000 and cap with a DRYTEK self-leveling underlayment

#### Packaging

37 lb (16.8kg) bag/21 bags per pallet

#### Color

Grey

#### Approximate Coverage

Per 37 lb (16.8 kg) bag

Nominal Thickness	Approximate Coverage
3/4" (19 mm)	26ft <sup>2</sup> (2.4 m <sup>2</sup> )
1" (25 mm)	17ft <sup>2</sup> (1.6 m <sup>2</sup> )
2" (51 mm)	9 ft <sup>2</sup> (0.8 m <sup>2</sup> )
3" (76 mm)	6 ft <sup>2</sup> (0.6 m <sup>2</sup> )
6" (152 mm)	3 ft <sup>2</sup> (0.3 m <sup>2</sup> )

#### Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year\* if stored off the ground in a dry area.

\* High humidity will reduce the shelf life of bagged product.

#### Limitations

- For exterior applications, the product must always be capped with a -suitable exterior-rated finish.
- Do not install DRYTEK 3000 over particleboard, chipboard, hardboard (Masonite®), Luan panels, asbestos, gypsum-based patching materials, asphalt, coal tar, or lightweight insulating concrete or any other dimensionally unstable materials.
- DRYTEK 3000 is not recommended for steel-wheeled traffic.
- For interior use only.
- Do not install when surface temperature is below 40°F (4°C) or above 90°F (32°C).
- Do not install over painted surfaces.
- Do not exceed recommended mixing ratio as indicated in mixing instructions. Over watering will weaken product properties.
- Never mix with cement or admixtures.
- Do not apply DRYTEK 3000 over waterproofing or crack isolation membranes.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required contact LATICRETE Technical Services.
- 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.
- During cold weather, protect finished work from traffic until fully cured.
- Contains portland cement. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Avoid breathing dust. Wear a respirator in dusty areas.
- 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 greatly due to variability of critical job site factors.

Pour Depth	3/4" to 6" ( 19 – 152 mm) Consult Technical Services for depths over 6"
Walkable	12 hours at 70°F (21°C)
Compressive Strength (ASTM C 1708) 28 Day Cure	28d: 4350 psi (30 MPa) When Capped with DRYTEK 7200
Installed Density	32 – 35 lb/ft <sup>3</sup> (513 – 561 kg/m <sup>3</sup> )
Set Time (ASTM C1708)	60 min.
Install time to DRYTEK cap	24 hours

## 5. INSTALLATION

### Surface Preparation

- Refer to TDS 230D DRYTEK Substrate Preparation and Primer Guide for more detailed surface 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 underlayment. These must be maintained as joints through the DRYTEK self-leveling underlayment.
- For exterior glue plywood substrates use 3.2# galvanized diamond metal lath or DRYTEK DM1 Reinforcement Mat.
- Maintain substrate temperature between 40 – 90°F (4°C) during application and air temperature between 50 – 90°F (10 – 32°C) during drying. Provide adequate ventilation to ensure uniform drying.

### Priming

Use DRYTEK Multi-Purpose Primer with every application of DRYTEK self-leveling underlayments. See DS 047.0 and TDS 230D DRYTEK Substrate Preparation and Primer Guide for more detailed dilution, approximate coverage and application instructions.

*Note: Keep primed surface clean. Do not allow any foot traffic onto surface.*

## Mixing

DRYTEK 3000 should be mixed with 7.6 - 8 quarts (7.2 – 7.7ℓ) of water per 37 lb (16.8kg) bag. Do not over water. For manual application, add product to water and mix for 2 – 3 min with a heavy duty drill (650 rpm) to obtain a lump free mix. DRYTEK 3000 can also be used in most pump equipment. Please consult with a DRYTEK representative to verify equipment compatibility. Pumping DRYTEK 3000 may require additional water in order to achieve a desirable consistency. Do not exceed 2.5 gallons (9.5ℓ) per 37 lb (16.8 kg) bag.

## Application

Substrate temperature should be between 40 – 90°F (4 – 32°C) during application and air temperature maintained between 50 – 90°F (10–32°C). Protect areas from direct sunlight. Do not use damp curing methods or curing and sealing compounds. If required to meet level tolerances, survey surface using a digital or electronic leveling device and apply level pegs as required. Adequate ventilation should be provided to ensure uniform drying. Pump or pour blended material onto substrate at an average thickness ranging between 3/4" to 6" (19 – 152 mm). Immediately following placement lightly smooth the surface. DRYTEK 3000 may require a rake or smoother to assist in controlling material depth and flatness. Do not expose DRYTEK 3000 to traffic. Proper application is the responsibility of the user. Field visits by LATICRETE personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

## Capping

Prior to flooring installation DRYTEK 3000 must be capped with a minimum thickness of 1/2" (12 mm) DRYTEK self-leveling underlayment. DRYTEK self-leveling products (e.g. DRYTEK 7200) can be pumped or poured over DRYTEK 3000 after 24 hours. Prime the surface of the DRYTEK 3000 with DRYTEK Multi-Purpose Primer using the high suction application method per TDS 230D. When applying DRYTEK Multi-Purpose Primer to the DRYTEK 3000 surface use spray equipment only – do not broom, roll or mop.

If installation of the DRYTEK self-leveling cap is to be delayed more than 72 hours after the DRYTEK 3000 is installed, allow the DRYTEK 3000 to dry for 24 hours, then loosely cover the surface with plastic sheeting. When ready to install the cap remove the plastic sheeting, prime the surface with DRYTEK Multi-Purpose Primer and install the DRYTEK self-leveling cap per product instructions.

If heavy foot or equipment traffic is expected prior to capping, temporarily cover traffic lanes with plywood or similar load bearing material to protect the DRYTEK 3000 surface from damage. Remove plywood prior to the final capping step.

All types of radiant heat systems must be installed above DRYTEK 3000 and encapsulated within the self-leveling portion of the flooring construct. Refer to the radiant heat manufacturers recommended installation instructions for encapsulating within self-leveling underlayments.

## Flooring Installation

Finished floor goods may be installed as soon as 3 days after self-leveling cap application, subject to thickness, drying conditions and type of flooring materials. Always refer to finished floor manufacturer's recommendations regarding installation instructions, restrictions, moisture conditions and compatibility.

Always test performance suitability and compatibility of finished floor systems prior to their application. Sample surfaces should be installed as a field test so as to be representative of entire surface and tested for intended use.

## 6. AVAILABILITY AND COST

### Availability

#### 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 a DRYTEK Technical Sales Representative in your area.

## 7. WARRANTY

See 10. FILING SYSTEM

DS 230.16: DRYTEK® 3 Year 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:

+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 230.16: DRYTEK 3 Year Product Warranty

DS 041.0: DRYTEK 7200

DS 047.0: DRYTEK Multi-Purpose Primer

TDS 230D: DRYTEK Substrate Preparation and Primer Guide