



Multi-Purpose Primer

DS-047.0-0312



1. PRODUCT NAME

DRYTEK® Multi-Purpose Primer

2. MANUFACTURER

LATICRETE International, Inc.

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3. PRODUCT DESCRIPTION

DRYTEK Multi-Purpose Primer is a concentrated premium quality, water-based primer designed to be applied prior to the installation of DRYTEK self-leveling underlayments & toppings. Contains acrylic polymers and selected surface activation agents which penetrate deeply into the substrate and maximizes bond strength.

Advantages

- DRYTEK Primer is multi-purpose and can be used on a wide range of substrates.
- DRYTEK Primer may be broom, roller, or spray applied.

Suitable Substrates (Interior Use Only)

Refer to DRYTEK product data sheets for information on suitable substrates.

Packaging

1 Gal (3.8 ℓ) jug, 4 jugs per carton, 48 cartons per pallet

5 Gal (18.9 ℓ) plastic pail or, 48 per pallet

264 Gal (1000 ℓ) heavy-duty intermediate bulk container (IBC).

Approximate Coverage

Yield/coverage is only an estimate and may vary depending on the amount of water, mixing equipment, temperature and field conditions.

SUBSTRATE	P:WA	COVERAGE ^B
CONCRETE	1:3	400 FT ² (37 M ²)
EXTERIOR GLUE PLYWOOD	5:1	200 FT ² (18.5 M ²)
CERAMIC TILE STONE CEMENT TERRAZZO	1:3	400 FT ² (37 M ²)
HIGHLY POROUS CONCRETE DRY SUBSTRATES DRYTEK 3000	FIRST COAT: 1:5 FOLLOWED BY SECOND COAT OF 1:3	200 FT ² (18.5 M ²)
DRYTEK DM1 REINFORCEMENT MAT	1:3	

A. Dilution Ratio – Primer: Water

B. Coverage in square feet per gallon of concentrated primer.

Shelf Life

DRYTEK Multi-Purpose Primer should be stored in original packaging. Use within twelve (12) months of date of manufacture. Do not store at temperatures below freezing. If the primer has frozen, it can be used after thawing and vigorous stirring.

Limitations

- Do not install when surface temperature is below 40°F (4°C), when ambient temperature is expected to be below 50°F (10°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 (see Section 10 FILING SYSTEM).
- DRYTEK Multi-Purpose Primer should not be installed over any moving joints or structural cracks (cracks greater than 1/16" [1.5 mm] in width or any crack that experiences any vertical displacement). All existing expansion joints, cold joints and control joints must be brought up through the underlayment and the finish. Failure to honor movement joints will result in cracking and/or loss of bond.
- Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar

finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile/brick installations or L/480 for thin bed stone installations where L=span length (except where local building codes specify more stringent deflection requirements)

Cautions

Before using any DRYTEK product

- Read and understand the Product Data Sheet and Material Safety Data Sheet.
- Perform a mock-up to ensure product will perform as required.
- Check www.drytek.com for any technical bulletins or updated information about the product and its application.
- DRYTEK Multi-Purpose Primer is water based and is non-hazardous under normal conditions of use. In case of skin contact, wash immediately with water.
- Wear gloves and protective goggles.
- When spraying the product, avoid breathing the fine mist.
- Contact your local DRYTEK Technical Sales Representative with any questions.
- Keep out of reach of children.

4. TECHNICAL DATA

DRYTEK® Multi-Purpose Primer should be diluted with water according to the ratios given in the mixing guide under approximate coverage. Water amounts should always be carefully measured in order to insure proper mixture is achieved. For best results, blending should be performed by hand with a mixing paddle.

5. INSTALLATION

Surface Preparation

- 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 felt-backed floor coverings. Remove non-water soluble cutback adhesive to a thin residue by razor scraping or equivalent. Remove any loose particles by vacuuming and damp sponging.
- Test surface bond strength of substrate. If minimum 72 psi (0.5 MPa) bond strength is not achieved or the substrate is contaminated mechanically clean by shot blasting or scarifying.
- Refer to data sheet of specific LATICRETE® DRYTEK self-leveling product being used for further surface preparation and DRYTEK primer requirements.
- 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 in the new surface.
- For wood substrates, use DRYTEK DM1 Reinforcement Mat or 3.2# galvanized diamond metal lath.
- Maintain substrate temperature at a minimum 40°F (4°C) during application and air temperature between 50–90°F (10–32°C) during drying. Provide adequate ventilation to ensure uniform drying.

Mixing

Dilute with clean water according to the ratios given in the DRYTEK Multi-Purpose Primer coverage table. Water amounts should be carefully measured to ensure proper mix ratio. Blend by hand using a mixing paddle.

Primer Application

Use DRYTEK Multi-Purpose Primer with every application of DRYTEK self-leveling products. Shake DRYTEK Multi-Purpose Primer thoroughly before using. Pour, mop or spray DRYTEK Multi-Purpose Primer onto the surface and distribute evenly using a bristle broom to ensure complete saturation of the entire surface. Remove any puddles or areas where DRYTEK Multi-Purpose Primer is especially thick. Allow DRYTEK Multi-Purpose Primer to dry to a clear film (usually 3 – 5 hours), but no more than 24 hours prior to application of DRYTEK (specific self-leveling product by name). DRYTEK Multi-Purpose Primer should not be applied when the surface temperature is below 40°F (4°C) or above 90°F (32°C). Insufficient drying time or poor film formation of DRYTEK Multi-Purpose Primer due to low temperature and/or high humidity may result in pinholes in the surfacing layer. Maintain adequate ventilation during and after application of DRYTEK Multi-Purpose Primer to help ensure quicker drying. If DRYTEK Multi-Purpose Primer dries within 45 minutes, substrate is excessively dry and will require another application as directed on DRYTEK Multi-Purpose Primer data sheet (047.0).

For installation of DRYTEK Multi-Purpose Primer over sheet vinyl, linoleum, VCT/VAT, or DRYTEK MVB Moisture Vapor Barrier; apply DRYTEK Multi-Purpose Primer (diluted 1:1 with water) over entire substrate then lightly scatter DRYTEK self-leveling underlayment powder over the wet primer and broom to form a light slurry. Allow slurry to dry prior to applying DRYTEK self-leveling product.

Note: Keep primed surface clean. Do not allow any foot traffic onto primed surface. DRYTEK Multi-Purpose Primer is milky when wet and clear when dry. DRYTEK Multi-Purpose Primer allowed to sit on substrate for more than 24 hours without a DRYTEK self-leveling product being installed must be re-primed.

Cleaning

All tools and equipment should be cleaned promptly with water.

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.

Cost

Contact a DRYTEK Technical Sales Representative in your area.

7. WARRANTY

See 10. FILING SYSTEM

DS 230.16: DRYTEK 3 Year Product Warranty

A component of:

DS 230.17: DRYTEK 15 Year System Warranty

8. MAINTENANCE

No maintenance required.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the DRYTEK Technical Service Hotline (hours 8:00 AM to 5:30 PM EST):

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.

10. FILING SYSTEM

Additional product information is available on our website at www.drytek.com. The following is a list of related documents:

- DS 230.16: DRYTEK 3 Year Product Warranty
- DS 230.17: DRYTEK 15 Year System Warranty

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