

DRYTEK 3000

DRYTEK® 3000 is revolutionary, fast-setting, lightweight cement made from a proprietary formula of cement and lightweight aggregate particles. The tiny aerated particles give the product a range of unique properties, optimized for use as a substrate for DRYTEK self-leveling materials such as DRYTEK® 7400. **DRYTEK® 3000** is fast-drying and is easy to mix, pour, and place.

PERFORMANCE CHARACTERISTICS

- Pour depth of 3/4" - 2 ft. or greater
- Extremely light, weighs less than 30 lbs/ft
- Cap with DRYTEK Self-Leveling Cement such as DRYTEK® 7400 at a minimum thickness of 1/2" after 24 hours
- Can be pumped, barrel mixed or hand applied.
- Coverage approx. 24 ft² per 34 lb. bag at 3/4" thickness
- Achieve extremely deep fills without compromising load constraints
- Provides excellent thermal insulation and acoustical properties


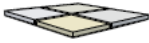
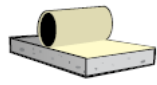




TECHNICAL INFORMATION

Pour Depths:	3/4" – 2 ft. or greater
Compressive Strength:	6400 PSI*
Coverage:	approx. 24 ft²/ 34 lb bag at 3/4" thickness
Installed density (initial, 100%RH):	31 lbs/ ft³
Installed density (90% RH)	28 lbs/ ft³
Installed density (dry):	25-28 lbs/ ft³
Shrinkage:	.4%
pH (wet state):	12.5
Working Time:	60 minutes
Walkable Time:	12 hours

*When capped with DRYTEK® 7400 leveling cement

Approx Yield 1 Bag (34 lb bag)	
Depth (inches)	1 bag yield Sq. Ft.
2	9
3	6
4	4.5
5	3.6
6	3

Acceptable Substrates/ Performance Characteristics

 Concrete	 Wood	 Ceramic Tile	 Vinyl	 Barrel Mix
 Radiant Heating	 For Use as Underlayment	 Wear Surface	 Fast Drying	 Ultra Light-weight
 Pumpable / Pourable	 Hand Applied			

PREPARATION OF SUBSTRATE

Substrate shall be free from dust, dirt, oil, grease, paint or any contaminants which may inhibit the bond to the surface. Weak or contaminated surfaces must be mechanically cleaned by shot blasting or scarifying, never use chemical to clean the substrate. Surface bond strength of the substrate should be a minimum 72 PSI (0.5 MPa). Surface should be primed with DRYTEK® PRIMER. Substrate temperature should be a minimum 50°F (10°C) during the application and the ambient temperature maintained between 50-77° (10-25°C). Adequate ventilation should be provided to ensure uniform drying. The relative humidity of a concrete substrate prior to application of DRYTEK cement should be at a minimum of 95% tested according to ASTM F 2170.

MIXING

Mix the entire 34 lb bag of DRYTEK® 3000 into 1.75 gallons of water. For manual application, add product to water and mix for 2-3 minutes using a heavy duty drill (650 rpm) to obtain a lump-free mix

APPLICATION

Make sure that the substrate, the material itself and the mixing water are at a temperature of at least 50° F. If creation of a floating floor or decoupling is desired, polyethylene sheeting of minimum 6 mil thickness should be laid over the entire floor surface and folded up at the walls and other contact points to create a leak-free surface. Make sure the plastic sheet fits tightly against substrate, pipes, and other obstructions to prevent the formation of air pockets. Sheeting should be loose laid without wrinkles and should not be mechanically or adhesively attached to substrate. Pour blended material onto substrate at a minimum depth of ¾". Immediately smooth the poured slurry with a smoother. Material can be walked on (light foot traffic) after 12-24 hours. If a delay is anticipated between drying of the DRYTEK® 3000 and application of the self-leveling cap, temporarily cover the dried DRYTEK® 3000 with plywood or similar material to protect the surface from damage by foot traffic or other site workers.

FLOORING INSTALLATION

DRYTEK self-leveling products such as DRYTEK® 7400 can be pumped or poured over dried DRYTEK® 3000 after 24 hours, depending on site conditions. Follow instructions on bags for proper preparation and application of DRYTEK self-leveling products. In applications where excessive floor deflection is anticipated it is recommended that a heavy duty fiberglass mesh or substrate metal lath be applied over the dried DRYTEK® 3000, followed by a ½" minimum depth cap (depth is depended on application requirements) of a DRYTEK self leveling product such as DRYTEK® 7400.

LIMITATIONS

DRYTEK® 3000 may be installed wither indoors or outdoors. In outdoor applications, the product must be topped or protected by suitable weather-resistant, load-bearing materials. If you have any questions about a specific application or installation situation please visit our website at www.drytek.com or contact your DRYTEK representative.

PACKAGING

DRYTEK® 3000 is available in 34 lb polyethylene-lined paper bags.

STORAGE

Product should be stored in dry conditions and in original packaging. Use within 6 months of date of manufacture.

Information contained within this brochure is not legally binding. Information contained herein is in good faith but DRYTEK® Flooring Solutions Inc (DRYTEK) will not be held liable for information which has been misunderstood or used incorrectly. DRYTEK will not be held liable for improperly applied or used products, nor the specific use of pertinency of a product to a particular project. Information contained herein or otherwise administered by DRYTEK or its affiliates is based on the current and present knowledge of the products when used under normal circumstances and according to DRYTEK recommendations. **WARNING:** DRYTEK® PRIMER is for professional use only. It is non-hazardous under normal conditions of use. In case of skin contact, wash immediately with water. Wear protective gloves and goggles when handling. Avoid breathing fine mist. **Keep out of reach of children.** For more information and Material Safety Data Sheets please visit www.drytek.com/products/primer

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