

ULTRA LIGHT WEIGHT / DEEP FILL UNDERLAYMENT

PRODUCT SUMMARY

DRYTEK® 3000 is revolutionary, fast-setting, lightweight cement made from a proprietary formula of cement and lightweight aggregate particles. 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® 7200. DRYTEK® 3000 is fast-drying and is easy to mix, pour, and place.

PERFORMANCE CHARACTERISTICS

- Ultra Light Weight
- Can be pumped, barrel mixed or hand applied
- Achieve extremely deep fills without compromising load constraints
- Fill with DRYTEK® 3000 and cap with a DRYTEK Self-Leveling Cements to complete the DRYTEK FLOWLITE SYSTEM

TECHNICAL INFORMATION

Pour Depths	3/4" - 2 feet or more
Coverage at 3/4" thickness per 34lb bag	24 ft ²
Coverage at 4" thickness per 34lb bag	9 ft ²
Coverage at 6" thickness per 34lb bag	3 ft ²
Compressive Strength ^A	4350 PSI (when capped with 7200)
Installed density (initial, 100%RH)	31 lb / ft ³
Installed density (90% RH)	28 lb / ft ³
Installed density (dry)	25 - 28 lb / ft ³
Shrinkage ^B	0.4%
pH (wet state)	12.5
Working Time	60 minutes
Walkable Time	12 hours
Apply DRYTEK Self-Leveling Cement cap at 1/2 "	24 hours

NOTE: A) Compressive Strength per ASTM C 109 (air dry) - test at 28 days, 2" cubes, air dry.
B) Shrinkage per ASTM c 157 - time-series testing performed also using MTEC Tester.

GREEN INFO: USGBC LEED CREDITS

PROJECT	CATEGORY	CREDIT	COMMENT
Indoor Environmental Quality	Low Emitting Materials	EQ 4.1	Negligible VOC content
Materials & Resources	Recycled Content	MR 4.1 MR 4.2	16% pre-consumer recycled material
	Local/Regional Materials	MR 5.1	Dover, NH
		MR 5.2	Job site manufactured with local water

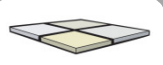
SUITABLE FOR INSTALLATION OVER THESE SUBSTRATES



Concrete



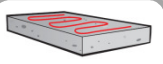
Wood #



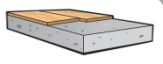
Ceramic Tile



Vinyl



Radiant Heat



Underlayment



Wear Surface

FUNCTION



Fast Drying



Pourable/
Pumpable



Hand Applied

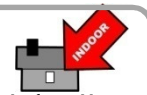
FEATURES



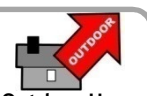
Barrel Mix



Lightweight



Indoor Use



Outdoor Use

BEFORE USING ANY DRYTEK PRODUCT:

- Read and understand the Product Information 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
- Contact your local DRYTEK TECHNICAL SALES REPRESENTATIVE with any questions.

PREPARATION OF SUBSTRATE

- 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 cutback adhesive to a thin residue by razor scraping or equivalent. Remove any loose particles and vacuum.
- 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.
- Test moisture content of concrete substrate per ASTM F 2170. If substrate RH exceeds 95% (or if substrate RH exceeds the level required by the manufacturer of the floor goods or coatings to be applied over DRYTEK) then **DRYTEK® MVB** moisture vapor barrier prior to installing **DRYTEK® 3000**.
- Inspect for contraction joints, construction joints, and cracks in the substrate which may be subject to movement after installation of **DRYTEK® 3000**. These must be maintained as joints in the new surface.
- For wood substrates use **DRYTEK® DM1 REINFORCEMENT MAT**.
- Maintain substrate temperature at a minimum 43°F (6°C) during application and air temperature between 50-77°F (10-25°C) during drying. Provide adequate ventilation to ensure uniform drying.
- Prime substrate with **DRYTEK® PRIMER**.

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. Pour blended material onto substrate at a minimum depth of ¾". Immediately smooth the poured slurry with a smoother or bull float. 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® 7200** can be pumped or poured over dried **DRYTEK® 3000** after 24 hours, depending on site conditions. Prime the surface of the **DRYTEK® 3000** with **DRYTEK® PRIMER** following instructions for HIGH SUCTION substrates. Apply PRIMER with spray equipment only – do not broom-apply. 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 dependent on application requirements) of a DRYTEK self leveling product such as **DRYTEK® 7200**.

LIMITATIONS

DRYTEK® 3000 may be installed either indoors or outdoors. In indoor applications, the product must always be topped with **DRYTEK® SELF-LEVELING CEMENT**. In outdoor applications, the product must be topped or protected by suitable weather-resistant, load-bearing materials.

PACKAGING

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

STORAGE

Product should be stored in dry conditions and in original packaging. When stored properly, **DRYTEK® 3000** has a shelf life of three years from date of manufacture.

WARNING: WARNING: DRYTEK® 3000 contains Portland cement and is for professional use only. In case of skin contact, wash immediately with water. Wear protective gloves and goggles when handling. Avoid breathing dust. Keep out of reach of children. For more information and Material Safety Data Sheets please visit www.drytek.com

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