



DRYTEK™

7800 Fiber Reinforced Leveling Compound

1. Product Name

DRYTEK™ 7800 Fiber Reinforced Leveling Compound

2. Manufacturer

Drytek Flooring Solutions, LLC
195 New Hampshire Avenue Suite 240
Portsmouth, New Hampshire 03801
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3. Product Description

BASIC USE

DRYTEK™ 7800 is a premium quality, fast drying, self leveling cement-based, pourable or pumpable floor leveling product designed for use over concrete based substrates, including concrete plank and ceramic tile. DRYTEK™ 7800 is also compatible with radiant heated floor systems. Finished floor material may be installed 6 hours after application, depending on thickness, drying conditions and type of flooring material. DRYTEK™ 7800 does not contribute noxious emissions (ammonia) or irritating fumes. Due to the low pH of DRYTEK™ leveling products, finished floor material may be installed soon after application without risk of adhesive bond failure.

COMPOSITION AND MATERIALS

Totally inorganic, cement-based self leveling compound. Will not support growth of mold or mildew.

SIZE

Available in 55 lb vinyl lined paper bags.

COLOR

Gray

YIELD

Approximately 27 Sq.Ft. per 55 lb. bag at ¼" thickness

LIMITATIONS

For use over wood or vinyl, reinforcement such as Diamond lath, standard steel reinforcement lath or similar must be used. For indoor applications only. Not for applications exposed to continuous water of intrusion.



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4. Technical Data	
Pour Depth	1/4" to 4"
Walkable	1-2 hours
Finished goods installed	6 hours
Tensile Bond Strength	>290 psi
Flexural Strength	1015 psi
Compressive Strength	5200 psi
Shrinkage	0.03 - 0.05%
pH (wet)	11
Working Time	15-20 minutes
Dry Density	112 lb/ft ³
Ideal Slump Range	10 - 11 inches
Emissions (<i>Ammonia Development</i>)	<0.7mg/m ³
Installed Weight per ft ² @1/4"	2.34 lbs

5. Installation

SURFACE PREPARATION

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 chemicals to clean the substrate without prior written consent from Drytek. Surface bond strength of the substrate should be minimum 72 psi (0.5 Mpa). Substrate should be primed with DRYTEK™ Primer. Substrate temperature should be a minimum 43°F (6°C) during application and ambient temperature maintained between 50-77°F (10-25°C). Adequate ventilation should be provided to ensure uniform drying. The relative humidity of the concrete substrate should be tested according to ASTM F 2170. Felt-backed floor coverings should be removed prior to the installation of Drytek.

MIXING

DRYTEK™ 7800 should be mixed with 4.5 - 5 quarts of water per 55 lb bag. Do not over water. For pourable application, add product to the water and mix for 2-3 minutes with a heavy duty drill (650 rpm) to obtain a lump free mix. DRYTEK™ 7800 can also be used in most pump equipment, please consult with a DRYTEK representative to verify equipment compatibility. A slump test should always be performed to ensure that mix is homogeneous and free from separation.

APPLICATION

Pour blended material onto substrate at a thickness of between 1/4" to 4" for all surfaces except lightweight concrete, where a thickness of 1/4"-3/8" must be maintained. Perform slump test and adjust water accordingly until ideal patty size of 10-11 inches is obtained. Immediately smooth the poured slurry with a gauge rake, notched trowel or smoother. Material can be walked on after 1-2 hours.

FLOORING INSTALLATION

Finished floor material may be installed 6 hours after application, depending on thickness, drying conditions and type of finished floor. Due to the relatively low pH level of DRYTEK™ floor leveling products, finished floor goods can be applied rapidly without risk of adhesive bond failure. As a general



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rule, permeable materials such as carpeting may be adhesively or mechanically applied to DRYTEK™ underlayments when RH level of substrate (i.e. concrete slab ,etc) is 95% or below. RH levels should be determined according to ASTM standard F2170. 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. Always refer to finished floor manufacturer's recommendations regarding installation instructions, restrictions and other general and specific guidelines.

6. Availability

DRYTEK™ is available nationwide through DRYTEK™ authorized distributors.

7. Warranty

3 Year Limited Warranty

Drytek Flooring Solutions, LLC warrants that all DRYTEK™ floor leveling products which are manufactured and sold by Drytek shall be free from manufacturing defects, whether patent or latent. Contact Drytek for complete warranty.

8. Maintenance

None required.

9. Material Storage & Handling

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

10. Technical Services

For technical assistance contact:

Drytek Flooring Solutions, LLC
Tech Services

Phone: (603) 334-3440 **Fax:** (603) 334-3449

E-Mail: info@drytek.com **Website:** www.drytek.com