



DRYTEK™

7400 Self Leveling Cement

1. Product Name

DRYTEK™ 7400 Self Leveling Cement

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™ 7400 is a superior quality, fast drying, dual-purpose self leveling cement. Can be used as both a durable and attractive interior wear surface and as a high-performance underlayment for troubled substrates where fast turn-around time and high strength is desired. Drytek 7400 is designed for use over concrete based substrates, including concrete plank, ceramic tile, VCT, vinyl and quarry tile. Finished floor material may be installed 6 hours after application depending on thickness, drying conditions and type of flooring material. DRYTEK™ 7400 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 or white

YIELD

Approximately 32 Sq.Ft. per 55 lb. bag at ¼" thickness

LIMITATIONS

Not for installation over wood substrates. For indoor applications only. Not for applications exposed to continuous water of intrusion. Felt-backed floor coverings should be removed prior to application of Drytek.



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4. Technical Data	
Pour Depth	1/16" to 1¼"
Walkable	1-2 hours
Finished goods installed	6 hours
Tensile Bond Strength	>435 psi
Flexural Strength	1160 psi
Compressive Strength	6400 psi
Shrinkage	0.03 - 0.05%
pH (wet)	11
Working Time	15-20 minutes
Dry Density	100 lb/ft ³
Ideal Slump Range	11 – 12 inches
Emissions (<i>Ammonia Development</i>)	<0.7mg/m ³
Installed Weight per ft ² @1/4"	2.08 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™ 7400 should be mixed with 5.5 to 6.0 quarts of water or approximately 21% by weight per 55 lb bag. when used as underlayment and 4.5 to 5.5 quarts when used as wear surface. 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™ 7400 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. Drytek 7400 can be integrally colored or topically stained. For specific and current instructions, please contact Drytek Representative.

APPLICATION

Pour blended material onto substrate at a thickness of between 0" to 1¼" 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 11-12 inches (for underlayment apps.) and 10-11 inches (for wear surface apps.) is obtained. Immediately smooth the poured slurry with a notched trowel, gauge rake or smoother. Material can be walked on after 1-2 hours.

FLOORING INSTALLATION



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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 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 manufacturers recommendations regarding installation instructions, allowable moisture restrictions and other general and specific guidelines. COATINGS: Drytek 7400 accepts application of most commercial coatings including acrylic, urethane and epoxy-based sealers. Consult coatings manufacturer for specific procedures. Contact Drytek Representative for specific advice.

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 for underlayment applications. Wear surface applications should be maintained in suitable condition for intended application. A sealer or protective coating should always be applied on top of Drytek 7400 in order to avoid unsightly staining, to preserve original coloration and allow for easier cleanup of surface.

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