



DRYTEK™ 8400 Patching Cement

1. Product Name

DRYTEK™ 8400 Patching Cement

2. Manufacturer

Drytek Flooring Solutions, LLC
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Portsmouth, New Hampshire 03801
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3. Product Description

BASIC USE

DRYTEK™ 8400 is a premium quality, fast-drying underlayment designed for patching, smoothing and leveling prior to the application of floor coverings. Material may be applied from 1/8" to 1 1/2". Finished floor goods may be installed as soon as 40 minutes after application depending on thickness, drying conditions and type of flooring material. DRYTEK™ products do not contribute noxious emissions (ammonia) or irritating fumes.

COMPOSITION AND MATERIALS

Cement-based trowelable patching and leveling compound. Will not support growth of mold or mildew.

SIZE

Available in 35 lb polyethylene lined paper bags.

COLOR

Gray

YIELD

Approximately 120 Sq.Ft. per 35 lb. bag at 1/8" thickness.

LIMITATIONS

Do not use as a wear surface. For indoor applications only. Not for applications exposed to continuous contact with water.



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4. Technical Data	
Pour Depth	1/8" to 1 1/2"
Walkable	30-40 minutes
Finished goods installed	40 minutes @ 1/8"
Tensile Bond Strength	>435 psi
Flexural Strength	1015 psi
Compressive Strength	4350 psi
Shrinkage	0.03-0.05%
pH (wet)	11
Working Time	15-20 minutes
Dry Density	87 lb/ft ³
Ideal Slump Range	N/A
Emissions (<i>Ammonia Development</i>)	<0.7mg/m ³
Installed Weight per ft ² @1/4"	N/A

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. Surface bond strength of the substrate should be a minimum 72 psi (0.5 Mpa). Substrate temperature should be a minimum 43°F (6°C) during the application and the 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.

MIXING

DRYTEK™ 8400 should be mixed with 4.5 to 5 quarts of water per 35 lb. bag. Do not over water. For manual application, add product to water and mix for 2-3 minutes with a heavy duty drill (650 rpm) to obtain a lump-free mix.

APPLICATION

Apply blended material onto substrate at a thickness of 1/8" - 1 1/2" (3-35 mm) for all surfaces. Immediately smooth the slurry with a trowel. Material can be walked on after 30-40 minutes.

FLOORING INSTALLATION

Finished floor goods can be applied to surface after 40 minutes of 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 finishes should be installed as a field test so as



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to be representative of entire surface and tested for intended use. Always refer to finished floor manufacturer's recommendations regarding installation instructions, restrictions and compatibility.

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