

PREMIUM SKIMCOAT PATCH UNDERLAYMENT

PRODUCT SUMMARY

DRYTEK® SKIMCOAT is a premium quality, fast-drying, cement-based underlayment designed for skim-coating, smoothing and leveling prior to the application of floor coverings. Material may be applied from skim coat (featheredge) to 1 inch. Finished floor material may be installed as soon as 30 minutes* after application. This trowel-applied product has a superior creamy consistency making it the ideal choice for skim coat applications.

PERFORMANCE CHARACTERISTICS

- Provides Alkali Barrier
- Excellent Bond Strength
- Easy to Mix and Apply
- Apply floor goods in as soon as 30 minutes*
- No Primer Required over concrete, wood, ceramic and quarry tile or when applied directly to DRYTEK™ MVB moisture vapor barrier
- MICROBE BLOCKER antimicrobial protection inhibits mold and mildew growth

* depending on thickness, drying conditions and type of flooring material

TECHNICAL INFORMATION

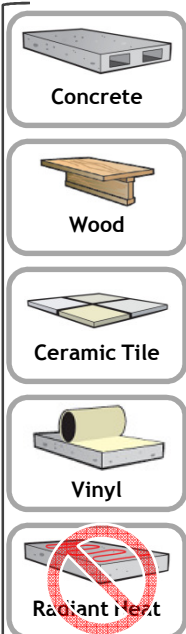
Application Depth	Skim Coat to 1"
Coverage per 10lb bag at skim depth	100 - 150 ft ²
Mixing Ratio	2.5 qts water per 10lb bag (1 water to 2 powder)
Flexural Strength ^A	1300 PSI
Packaging	10lb (4.5 kg) paper bags
Shelf life	Six months
Apply floor goods	30 minutes

NOTE: A) Flexural Strength per ASTM C 384 - center point loading.

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	0% 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



FUNCTION



FEATURES



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.

SURFACE PREPARATION

- ❑ 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 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) install **DRYTEK® MVB** moisture vapor barrier prior to installing **DRYTEK® SKIMCOAT**.
- ❑ Inspect for contraction joints, construction joints, and cracks in the substrate which may be subject to movement after installation of **DRYTEK® SKIMCOAT**. These must be maintained as joints in the new surface.
- ❑ 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.
- ❑ Over Plywood: Clean and rough-sand plywood substrates per flooring industry / APA standards for plywood subfloor installation. Note: Plywood substrates should not be used in exterior, wet interior, or for heavy/commercial traffic.
- ❑ Over Existing Cutback Adhesive Residue: Scrape cutback adhesive residue from the floor and remove excess material. Ensure remaining adhesive residue is completely dry.
- ❑ Over Ceramic Tile: Ensure tiles are well bonded to the substrate. Mechanically abrade with a carborundum disk. Wash and rinse thoroughly with clean water. Allow to dry.
- ❑ Over Vinyl VCT: Ensure VCT is well bonded to the substrate. Remove any loose material. Completely remove any wax or other coatings. Roughen smooth surfaces. Wash and rinse thoroughly with clean water. Allow to dry.

MIXING

Mix 2.5 quarts of clean cool water per 10 lb. bag of **DRYTEK® SKIMCOAT**. Do not over-water. Add product to water and mix for 2-3 minutes with a heavy duty drill (650 rpm) to obtain a lump-free mix. Note: material can be re-whipped to extend pot-life but do NOT add more water when re-mixing.

APPLICATION

Apply blended material to substrate with trowel at a thickness of skim coat to 1" (0-25mm) for all surfaces. After initial set of material (approx. 10-15 min.), remove all overlap marks, seams and inconsistencies by scraping with a steel trowel. Key in but do not over trowel. Material can be walked on after 15-20 minutes, depending on thickness.

FLOORING INSTALLATION

Finished floor goods can be applied to surface in as little as 30 minutes after application, depending on thickness, drying conditions and type of finished floor. Due to the relatively low pH level of **DRYTEK® LEVELING CEMENTS**, 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® LEVELING CEMENTS**, when RH level of substrate (i.e. concrete slab, etc.) is 95% or below. Non-permeable items such as PVC can be applied at RH levels of 85% 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, restrictions and compatibility.

LIMITATIONS

For indoor applications only. Not intended for use as a wear surface. Not for applications exposed to continuous water of intrusion. Do not apply directly over gypsum-based substrates. For areas greater than 5 sq. ft. with 1 inch or greater leveling required, it is recommended that either **DRYTEK® 8400** patch or a **DRYTEK® SELF-LEVELING CEMENT** be used.

PACKAGING

Available in 10 lb. bags.

STORAGE

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



WARNING: Dust may cause skin, eye, nose, throat, or respiratory irritation. Avoid dust inhalation and exposure to dust. If dusty, wear a NIOSH/MSHA- approved dust respirator. Use proper ventilation to reduce dust exposure. Portland cement is strongly alkaline and can be corrosive to eyes, skin, and respiratory tract. Wear eye and skin protection. If eye contact occurs, immediately flush thoroughly with water for 15 minutes and get medical attention. Do not ingest. If ingested and any discomfort occurs, call physician. **Keep out of reach of children.** For more information and Material Safety Data Sheets please visit www.drytek.com

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