

PRODUCT DATA

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W. R. MEADOWS®

SEALTIGHT®

NO. 386

AUGUST 2009
(Supersedes April 2004)

MEADOW-PATCH® T2 Concrete Resurfacer & Repair Mortar

DESCRIPTION

MEADOW-PATCH T2 is a two-component, polymer-modified, cementitious concrete resurfacer and repair mortar.

USES

MEADOW-PATCH T2 is designed to resurface concrete from 1/16" to 1/2" in depth.

MEADOW-PATCH T2 is also a premium-grade repair mortar capable of patching concrete from featheredge to 2" in depth on horizontal applications. It may also be used for vertical and overhead surface repairs.

MEADOW-PATCH T2 is easy to use, versatile, and produces repaired surfaces suitable for rubber-wheeled traffic.

For overhead or vertical use, MEADOW-PATCH T2 is an ideal choice for smoothing rough surfaces, repairing honeycombs, and dressing up bug holes. When mixed, the product's creamy consistency provides an excellent skim coating for swimming pools, concrete walls, balconies, etc.

Because of its excellent bond strength, breathability, and freeze-thaw resistance, MEADOW-PATCH T2 may be used in interior and/or exterior applications; below-, above- or on-grade.

TECHNICAL DATA*

The following physical properties were determined using the mix ratio of 3.0 quarts (2.8 L) of ACRY-LOK™ per 50 lb. (22.7 kg) at 75° F (23.9° C)

Set Times per ASTM C 191

Initial: 4 hours

Final: 6 hours

Compressive Strength per ASTM C 109

@ 1 day: 2,000 psi (13.8 MPa)

@ 28 days: 5,000 psi (34.5 MPa)

*All technical data is typical information, but may vary due to testing methods, conditions, and/or operators.

COLOR

Light gray in color.

PACKAGING

50 Lb. (22.7 kg) poly-lined bag

50 Lb. (22.7 kg) pail with 1 gal. ACRY-LOK kit

YIELD AND COVERAGE

Yield per 50 lb. (22.7 kg) bag is 0.50 ft.³ (0.014 m³).

Depth (Inches)	Ft. ² Unit ¹
1/16	100
1/8	50
1/4	25
1/2	12.5

Note¹: Single-Coat Application (two-coat application typically required as a concrete resurfacer). For example, a two-coat system at 1/8" would yield 25 ft.² per bag (50 ft.²/two coats = 25 ft.²).

SHELF LIFE

Eighteen (18) months from date of manufacture when stored indoors on pallets in a dry, cool area. Do not store product outside.

CONTINUED ON REVERSE SIDE...

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LEED INFORMATION

May help contribute to LEED credits:

- MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally
- MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

FEATURES/BENEFITS

- Repairs and resurfaces.
- Color-enhanced for a light gray finish.
- Polymer-modified – Enhanced bond.
- Specifically engineered for high abrasion resistance.
- Suitable for pedestrian, soft rubber tires, and forklifts.
- Will accept various coatings.
- May be dyed, stained, or pigmented.
- May be stenciled.
- May be spray-applied.
- May be form and poured or pumped.
- May be mechanically sanded.
- High impact strength.
- Will aid in waterproofing.
- Breathable – Will not act as a vapor barrier.
- Excellent freeze-thaw characteristics – Long-term exterior stability.

FOR BEST PERFORMANCE

- MEADOW-PATCH T2 is recommended as a concrete resurfacer and/or topping from 1/16" to 1/2" in depth.
- Not intended to be used as a self-leveling underlayment.
- Do not apply below 45° F (7.2° C) or above 90° F (32.2° C) or when rain is imminent.
- Do not bridge moving cracks. Extend existing control and expansion joints through MEADOW-PATCH T2.
- Apply DECRA-SEAL™ W/B for added protection.
- Do not add any admixtures.
- Avoid steel-wheeled traffic in thin applications. Thin applications subject to high point loading should also be avoided.
- Exceeding liquid requirements shall result in reduced physical properties.
- Realize that set time will decrease as the product, air, substrate, and mixing liquid temperature increases and will be increased as the temperature decreases.
- Protect from conditions that may cause early water loss: high winds, low humidity, high temperature, and direct sunlight. Early water loss is amplified in thin applications.
- Realize that the use of extender aggregate will alter physical properties.
- Failure to follow industry standard practices, such as ACI or ICRI, will result in decreased material performance.
- Proper application is the responsibility of the user. Field visits by W. R. MEADOWS personnel are for the purpose of making technical recommendations only, and are not to supervise or provide quality control on the jobsite.

APPLICATION

NOTE: The following information is for MEADOW-PATCH T2 as a concrete resurfacer.

Surface Preparation ... Prepare concrete substrate in accordance with International Concrete Repair Institute (ICRI) Technical Guideline #310.2-1997: Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays.

Mechanically roughen or high pressure water-jet existing concrete substrate to a minimum concrete surface profile (CSP) of CSP-4 or higher, depending on substrate condition. Remove all unsound concrete and provide a profiled, porous surface. Substrate must be structurally sound, dust-free, and free of grease, oil, dirt, curing compounds, release agents, or any other surface or penetrated contaminants that will adversely affect bond. Sanding or wire-abrading are not approved surface preparation methods.

Substrate must be saturated surface dry (SSD) and free of standing water.

Mix Ratios: ACRY-LOK to MEADOW-PATCH T2

Base-coat: 1 gal. (3.78 L) per 50 lb. (22.7 kg) bag.
Topcoat: 1.25 gal. (4.72 L) per 50 lb. (22.7 kg) bag.

Procedures ... Using a mortar-type mixer, pour ¾ of the required ACRY-LOK polymer from the stated mix ratios above (depending on application) into a clean mixing container. Slowly add powder and mix to a desired consistency using the remaining liquid polymer as recommended for the application type. Always add standard concrete liquid or powder inorganic pigment prior to fully adding the remaining ACRY-LOK adjustment.

Mix for three minutes or until lump-free consistency is obtained. Do not over-mix. For small repairs, mix in a clean vessel [5 gal (18.9 L)] using a variable-speed drill with a paddle mixer at 400-600 rpm. Mix only complete bags. Do not mix more material than can be placed and finished in 30 minutes at 77° F (25° C).