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## MEADOW-PATCH® T1

One Component, Polymer Modified, Thin Repair Patch Mortar

### DESCRIPTION

MEADOW-PATCH T1 is a one component, polymer-modified, cementitious repair mortar designed for horizontal, vertical and overhead applications. This all-purpose mortar is designed for patches, toppings and repairs from 1" to featheredge.

### USES

MEADOW-PATCH T1 is easy to mix and apply, versatile and produces repaired surfaces suitable for rubber-wheeled traffic. For overhead or vertical use; MEADOW-PATCH T1 is an ideal choice for smoothing rough surfaces, repairing honeycombs and dressing up bugholes. When mixed, this creamy consistency provides an excellent skim coating for swimming pools, concrete walls, balconies, etc. Because of its excellent bond and freeze-thaw resistance, MEADOW-PATCH T1 may be used for interior and/or exterior; below, above or on grade. FOR INDUSTRIAL USE ONLY.

### TECHNICAL DATA \*

*Set times (Per ASTM C 191)*

Initial            2 hours  
Final             3 hours

*Compressive strength (Per ASTM C 109)*

@ 1 day           3,000 psi (20.7 MPa)  
@ 28 days        6,500 psi (44.8 MPa)

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

### FEATURES AND BENEFITS

- Polymer-modified — Enhanced bond
- Low permeability — Protects embedded reinforcing steel
- Enhanced flexural and tensile properties
- Breathable — Will not act as a vapor barrier
- Excellent freeze-thaw characteristics — Long term stability
- Creamy consistency — Easily finished

### COLOR AND YIELD

Cement gray. MEADOW-PATCH T1 covers approximately 55ft<sup>2</sup>@ 1/8 in. (5m<sup>2</sup> @ 3mm). Yield per 50 lb. bag is 0.50 ft.<sup>3</sup> (0.014 m<sup>3</sup>)

### PACKAGING AND STORAGE

MEADOW-PATCH T1 is available in 50 lb. (22.7 kg) bags. When stored on pallets in a dry, cool area, it has a shelf life of 12 months.

**ADDITIONAL RESTORATION PRODUCTS FROM W. R. MEADOWS CAN BE FOUND BY VISITING OUR WEBSITE:**

[www.wrmeadows.com](http://www.wrmeadows.com)

CONTINUED ON REVERSE SIDE...

## FOR BEST PERFORMANCE:

- MEADOW-PATCH T1 is recommended for concrete repairs only.
- Not intended to be used as a self-leveling underlayment or topping; T1 is designed as a trowel down repair mortar.
- Do not apply below 40°F (4°C) or above 90°F (32°C), or when rain is imminent.
- Do not bridge moving cracks. Extend existing control and expansion joints through MEADOW-PATCH T1.
- For large areas with no control, expansion or construction joints, refer to ACI guidelines.
- Do not exceed a length-to-width ratio of 2 to 1 for the repair area.
- Do not add any admixtures.
- 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.
- Do not use solvent-based curing compounds.
- Featheredging may result in reduced durability and performance.
- Maximum application thickness should not exceed 1" (25 mm).
- Protect from conditions that may cause early water loss; windy, 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 may 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 job-site.
- Avoid steel-wheeled traffic in thin applications. Thin applications subject to point loading should also be avoided. Protect thin applications from rapid water loss.

## SURFACE PREPARATION

Mechanically abrade existing substrate to remove all unsound concrete, but do not use excessive force, which may cause micro-fracturing. Prepare surface in accordance with ICRI Technical Guide No. 03730. Substrate must be structurally sound and free of grease, oil, dirt or any other contaminants that can adversely affect the bond. Prepared surface must be dust-free and have sufficient profile to ensure adequate mechanical lock. Substrate must be saturated surface dry (SSD) and free of standing water.

For maximum bond, prime (SSD) substrate with slurry coat (2 parts powder to 1 part ACRY-LOK™ from W. R. MEADOWS). Allow slurry coat to become tacky prior to application of MEADOW-PATCH T1. Do not allow slurry coat to become tack-free.

## MIXING

Using a mortar type mixer, add 3 quarts (2.8 L) of clean water per 50 lb. (22.7 kg) of MEADOW-PATCH T1. Slowly add powder and mix to desired consistency, using up to 0.5 additional quarts (0.47 L) of clean water, as needed. Mix for 3 minutes, or until lump-free consistency is obtained. Do not over-mix. For small repairs, mix in a clean vessel 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 mins. at 77° F (25° C).

## LIMITED WARRANTY

"W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order." Read complete warranty. Copy furnished upon request.

## Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no

control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.

## PLACEMENT

Apply MEADOW-PATCH T1 into the repair zone substrate by compacting the material well against the properly prepared substrate. Finish surface with steel or wood trowel, or sponge float. Never re-temper.

## CURING

Cure MEADOW-PATCH T1 immediately following application using a suitable water-based curing compound from W. R. MEADOWS, or in accordance with ACI 308. W. R. MEADOWS recommends 2250-WHITE or 1130-CLEAR for curing. (Do not use solvent-based curing compounds). When conditions exist for rapid early water loss, the use of EVAPRE™, an evaporation retarder from W. R. MEADOWS, is also recommended.

## SAFETY AND TOXICITY

Avoid direct contact with this product, as it may cause skin and eye irritation. Utilize gloves and safety glasses to minimize direct contact. Avoid inhalation of dust. Inhalation may cause respiratory irritation and/or lung disease (silicosis). This product contains silicon dioxide, which is classified by the IARC and NTP as probably carcinogenic to humans (IARC Group 2A). The use of NIOSH approved respiratory protection is recommended in dusty environments. Keep product out of reach of children. Refer to Material Safety Data Sheet for complete health and safety information.

**FOR BEST PERFORMANCE, VERIFY MOST RECENT TECHNICAL DATA SHEET IS BEING USED BY VISITING OUR WEBSITE:**

[www.wrmeadows.com](http://www.wrmeadows.com).

