



TECHNICAL DATA SHEET

MOISTURE GAUGE MOISTURE TEST

PRODUCT DESCRIPTION

The Concrete Protector's Moisture Gauge Moisture Test is a standard test for measuring the moisture vapor emission rate of concrete slabs using calcium chloride.

STANDARD COLORS: Red

OTHER COLORS ALSO AVAILABLE: N/A

REVISION DATE: July 26, 2023

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): N/A

TACK FREE (DRY TO TOUCH): N/A

RECOAT OR TOPCOAT: N/A

LIGHT FOOT TRAFFIC: N/A

FULL CURE: N/A

COVERAGE

Recommended for any interior or exterior concrete surface

COVERAGE PER SQ. FT: 1 test per 1,000 sq. ft.

MIX RATIO: N/A

RECOMMENDED FILM THICKNESS: N/A

PACKAGING INFORMATION: 1 Pack, 3 Pack

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: N/A

COMPRESSIVE STRENGTH: N/A

TENSILE STRENGTH: N/A

ADHESION: N/A

VISCOSITY: N/A

ABRASION RESISTANCE: N/A

ULTIMATE ELONGATION: N/A

HARDNESS: N/A

VOLATILE ORGANIC CONTENT: N/A

SHELF LIFE: N/A

CHEMICAL RESISTANCE

N/A

LIMITATIONS

- 65°F – 85°F with relative humidity between 40-60% for at least 48 hours prior to and during testing.
- Do not use chemicals to clean the floor prior to testing
- Avoid test locations near cracks, joints, or direct sunlight
- Required the use of a gram-weight scale with a gradation of 1/10th (0.1) gram

BENEFITS

- Standard test method
- Inexpensive
- Great preventative step for decorative concrete coating installation failures



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INSTRUCTIONS

- 1) The slab must be clean of debris and adhesive residue. Shot-blast, grind or wire-brush slab clean.
- 2) Set the entire tape-sealed dish on the gram scale and record its weight on the dish lid and on the test bit booklet. Record the starting date and time as well. Ensure that the same scale will be available for re-weighing the dish, or the validity of this test will be compromised.
- 3) Remove the vinyl tape from the dish. Be careful not to lose the tape as you will need it to reseal the dish later. Store the dish lid carefully and stick the tape along the side of the plastic dome to keep it safe.
- 4) Place the open dish on the slab making sure the calcium chloride inside is fairly level. Do not set the kit directly over a control joint or crack. Remove the white paper on the dome, and center the dome over the dish. The only moisture must be within the 70 square inch area of the dome that is in contact with the concrete slab.
- 5) Using the handle of your wire brush or another tool, firmly squash the gasket under the flanges of the dome. The ideal installation will seat the outer flange of the dome to the slab. Then the gasket material will move to line up with the inside edge of the dome. Place your hand over the dome and gently apply pressure. There should be no leaks in the gasket.
- 6) Place the optional safety cone over the dome and let the test remain undisturbed for 60 to 72 hours.
- 7) After 60 to 72 hours, cut open the dome and carefully retrieve the dish. Replace the lid and seal it back up with the tape. Weigh the dish again on the same gram scale. Record the ending weight, date and time on the dish lid as well as on the test kit booklet.

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The Concrete Protector (Division of Incredible Products, LLC), warrants that all products are assembled under rigorous quality assurance specifications and that all information supplied is exact. All information supplied is not to be taken as a warranty, but for you to conduct your own test to determine if the given product is suitable for your distinct purpose. The following list of properties should not be interpreted as specifications. CONVEYED OR SUGGESTED, NO WARRANTY IS BUILT UPON ANY DISCOVERED RESULTS OR INFORMATION YOU WILL OBTAIN DURING USE. CONVEYED OR SUGGESTED NO WARRANTY IS BUILT THAT THE GIVEN PRODUCT SHALL BE MARKETABLE OR THAT THE GIVEN PRODUCT WILL BE FIT FOR ANY DISTINCT PURPOSE. NO WARRANTY IS BUILT UPON SAID INFORMATION OR THAT THE GIVEN PRODUCT WILL NOT INFRINGE UPON ANY PATENT. The Concrete Protector is NOT liable for, direct or indirect, inadvertent or consequential damages. The Concrete Protector's liability is and will only be limited to the net selling price of our products or, at our discretion, the replacement of our products. Upon delivery of our products, your acceptance means that you accept all terms of this warranty even if other documents and or purchase orders astray from the terms of this warranty. No representative, on our behalf, is permitted to make any representation, warranty, or assume liability with any sale of our products. OUR PRODUCTS CONTAIN CHEMICALS THAT CAN CAUSE SERIOUS PHYSICAL INJURY. BEFORE THE USE OF OUR PRODUCTS, READ ALL MATERIAL AND FOLLOW ALL LISTED PRECAUTIONS TO AVOID ANY BODILY HARM