

## Mock-Up Test Report

(Should be submitted to all Mock-Up participants listed on the Mock-Up Registration Form BEFORE Project Installation Commences)

This is Mock-Up # \_\_\_\_ of \_\_\_\_ Total Mock-Ups to be Conducted on this Project.

**Purpose: To determine the acceptability to all parties of the**

- 1- suitability, performance, and application protocol of the ACTECH Oil Buster™ Concrete Primer for the specific concrete slab in this project
- 2- effectiveness of the surface preparation techniques and workmanship of the ACTECH Approved Contractor(s) in making the concrete slab ready to receive the ACTECH Oil Buster™ Concrete Primer
- 3- success of the ACTECH Approved Contractor(s) in installing the ACTECH Oil Buster™ Concrete Primer and making it ready to receive the next product
- 4- eligibility of the project for ACTECH's Labor + Material Performance Warranty

The Approved ACTECH Contractor should keep about **10 SF of the total Mock-Up area free of subsequent system installation** to allow for (1) testing the quality of concrete surface preparation, (2) testing the performance of the ACTECH Oil Buster™ Concrete Primer application to the prepared concrete substrate, and (3) to provide a quality control standard / reference for continually assessing the larger project installation.

**Re-working of mock-up area(s) may be required to produce acceptable work. DO NOT PROCEED with the Project Installation of the ACTECH Oil Buster™ Concrete Primer until the test results (listed below) and the workmanship have been approved by the Project Architect/Engineer/Owner Representative/Technical Representative of the System being installed on top of ACTECH Oil Buster™ Concrete Primer.**

NOTE: Mock-Ups are intended to reflect the ACTUAL conditions for the entire project. Many jobsites will exhibit several conditions across the deck that require different types of surface preparation, spread rates, and product application methods. It may be necessary to conduct several mock-ups to test and record compatibility of each substrate condition separately. Submit a separate copy of this form for each Mock-Up area.

Always refer to ACTECH Product Datasheets and Application Guidelines as well as ICRI, ACI, ASTM and SSPC technical guidelines and industry Best Practices regarding surface preparation, substrate requirements, and Epoxy installation instructions.

Take the assistance of ACTECH Technical Staff on any questions or concerns you have **before commencing work**. We're here to assist in every way we can – each step of the way.

Mac Krauss – [mkrauss@actechperforms.com](mailto:mkrauss@actechperforms.com) Alex Rogers – [arogers@actechperforms.com](mailto:arogers@actechperforms.com)

**When and Where to Submit?**

Submit To: [team@actechperforms.com](mailto:team@actechperforms.com)

### Project Mock-Up Information

Report Recorded & Submitted by: \_\_\_\_\_ (Architect, Engineer, Owner Representative)

Email \_\_\_\_\_ Ph: \_\_\_\_\_ Date: \_\_\_\_\_

Name(s) of Approved Onsite ACTECH Supervisor(s) Conducting the Mock-Up:  
\_\_\_\_\_  
\_\_\_\_\_

Project Name: \_\_\_\_\_ Tentative Project Size (SF): \_\_\_\_\_

Project Location: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Mock-Up Size \_\_\_\_\_ SF

**TECH TIP:** Sketch Location Map to Identify Mock-Up Location within Project Area

### Documentation of Mock-Up Tests

#### Substrate Condition & Surface Preparation Tests:

- Concrete Compressive Strength (minimum 3000 PSI using re-bounce hammer) \_\_\_\_\_ psi
- Concrete Cohesive Strength (minimum 200 PSI using pull-off tester): \_\_\_\_\_ psi
- Concrete Profile achieved to pass 60-seconds Water-Drop Test (minimum CSP 3-4) \_\_\_\_\_ CSP
- If Concrete contains reinforcing fibers, were they burned off?  Yes  No
- Water-Drop Test Results (Prior to Pre-wetting Substrate): (Must Absorb into the mechanically profiled substrate within a Maximum of 60 seconds)

Test 1 \_\_\_\_\_ Seconds  
Test 2 \_\_\_\_\_ Seconds  
Test 3 \_\_\_\_\_ Seconds  
Test 4 \_\_\_\_\_ Seconds  
Test 5 \_\_\_\_\_ Seconds

**TECH TIP:** Photos / Videos documenting Water-Drop Test /Timer Results / Any Additional Information

### Cleaning Method

#### Select Which Surface Cleaning Method Used (after mechanical profiling):

- Repeated **Washing with Concentrated Detergent/Degreaser** (Heavy Contamination)
- Walk-Behind Scrubber** with regular detergent/degreaser (Medium Contamination)
- Surface Abrasion** (Light Contamination)

Any Unusual Contamination Conditions Noted: \_\_\_\_\_

Cleaning Methods are based on visual observations, history of slab, or core sample analysis by a lab.  
See ACTECH Oil Buster™ Concrete Primer Application Instructions for more details.

### ACTECH Oil Buster™ Concrete Primer Application

#### ACTECH Oil Buster™ Concrete Primer Coat:

Date Installed \_\_\_\_\_

- Did you pre-wet slab before applying the ACTECH Oil Buster™ Concrete Primer so the surface is damp (no standing water)?  Yes  No
- Amount of material used to achieve a minimum of 100 SF/gal -- or 16 mils (WFT) -- of ACTECH Oil Buster™ Concrete Primer over all high spots \_\_\_\_\_

**NOTE:** Coverage Spread Rates may vary due to concrete surface conditions (prep, consistency of profile, concrete porosity, material wastage, etc).

- Upon completing application of ACTECH Oil Buster™ Concrete Primer, did surface appear “glossy” with no protrusions, fibers, or debris visible on the surface? (Before sand broadcast)  Yes  No
- Did any pin-holes, fisheyes, condensation, amine blush, or bubbles begin to form immediately after application of the ACTECH Oil Buster™ Concrete Primer?  Yes  No
- Did sand broadcast provide a consistent look (no sinking into coating) once excess sand was swept/vacuumed off?  Yes  No

Post-Cure Subjective Evaluation of ACTECH Oil Buster™ Coat: Allow a minimum of 12 hours for the ACTECH Oil Buster™ Concrete Primer application to cure (depending on the weather and environmental conditions).

 TECH TIP: Take Photos of Final Installation Result/Condition of ACTECH Oil Buster™ Coat

**Performance Data – Did ACTECH Oil Buster™ Concrete Primer Successfully Bond to the Concrete**


**NOTE:** Tests must be conducted on the ~10 SF of the Mock-Up area reserved for ACTECH Oil Buster™ Concrete Primer testing that remained free of any subsequent layer in the system assembly.

- Date Pull-Off Tests were taken \_\_\_\_\_
- Bond strength of ACTECH Oil Buster™ Concrete Primer directly to concrete. (Pull-Off Test; ASTM D7234; **minimum 200 psi required after 7 days**):

Test 1: \_\_\_\_\_ psi | failure mode \_\_\_\_\_  
Test 2: \_\_\_\_\_ psi | failure mode \_\_\_\_\_  
Test 3: \_\_\_\_\_ psi | failure mode \_\_\_\_\_  
Test 4: \_\_\_\_\_ psi | failure mode \_\_\_\_\_

Other Pull Off Test Conducted? (Explain):

\_\_\_\_\_

 **TECH TIP:** Photos documenting Pull-Off Test Results (writing PSI #'s on slab next to each “pull” is a Best Practice

**NOTE:** The Contractor/Installer of the next layers in the Flooring/Protective Coating system installation is responsible for ensuring that the recoat window between ACTECH Oil Buster™ Concrete Primer and the subsequent system are honored and that the surface of the Moisture Membrane Coat is clean and ready to receive/bond with the subsequent system.

**Mock-Up Test Conclusion**

This On-Site Mock-Up of the Concrete Surface Preparation Methods and the ACTECH Oil Buster™ Concrete Primer Application Performed by the Approved ACTECH Contractor is

**Acceptable** having achieved all required suitability and performance tests and showing no signs of incompatibility to the prepared substrate or failure due to workmanship or environmental conditions (as installed). \_\_\_\_\_ (date)

**Un-Acceptable**

If the Mock-Up is NOT acceptable, describe the issues in some detail for planning the Re-Working of the Mock-up or for the withdrawal of the ACTECH Oil Buster™ Concrete Primer as an appropriate solution for this project’s concrete substrate. \_\_\_\_\_ (date)

\_\_\_\_\_

**Mock-Up Acceptance / Non-Acceptance:**

• Technical Representative of Products/System to be Installed on top of ACTECH Oil Buster™ Concrete Primer: (Name & Initial)

\_\_\_\_\_

• Project Engineer/Architect/Owner Representative: (Name & Initial)

\_\_\_\_\_

• Other (Name & Initial)

\_\_\_\_\_

Submitted by Approved On-Site Supervisor: (E-Signature Acceptable by Typing Full Name)

\_\_\_\_\_ (Date) \_\_\_\_\_

**FOR ACTECH INTERNAL USE ONLY**

Date Received by ACTECH \_\_\_\_\_ NAME: \_\_\_\_\_

Signature of ACTECH Reviewer: \_\_\_\_\_

Date Sent Back to On-Site Supervisor: \_\_\_\_\_

