

Final Job Installation Report – Exterior Applications

Complete ALL ENTRIES While You Are Actually Prepping & Installing This Project.

**This Form Must Be Submitted Within 30 Days of Project Completion
to be Eligible for ACTECH’s Labor + Material Performance Warranty.**

Purpose:

- 1- To complete the registration of this project for eligibility for ACTECH’s Performance Warranty.
- 2- To build the CONTRACTOR’s Own File documenting the proper installation of this project.
- 3- To increase Quality Control / Quality Assurance during project execution.

Why?

This Final Job Installation Report should help you cover all the bases during installation. Use this form to document and keep project records – in order to ensure installation success -- and to avoid liability.

If you encounter any problems during surface prep or ACTECH Primer installation ... **STOP ... And contact ACTECH Technical Staff immediately.**

Where to Send? Mac Krauss – mkrauss@actechperforms.com Alex Rogers – arogers@actechperforms.com

This Final Job Installation Report **MUST** be Received by ACTECH **Within 30 Days of Project Completion** on any Project seeking ACTECH’s Labor + Material Performance Warranty.

ACTECH Approved On-Site Supervisor(s) Named Below:

Below is the same Information as in Pre-Job. No need to fill this section out if you submitted a Pre-Job and this information has not changed.

Name of On-Site Supervisor: _____

I will be the on-site supervisor for **(select one)**

- Both surface preparation AND the ACTECH 2170 FC application on this project.
- Only the concrete surface preparation on this project.
- Only the ACTECH 2170 FC application on this project.

IMPORTANT: If not doing both surface prep and application of ACTECH 2170 FC, we will need an Onsite-Supervisor Form, Pre-Job Survey, and Final Job Installation Report filled out by both parties.

The Surface Prep Onsite Supervisor will only need to fill out the following sections on the Final Job Installation Report:

1. Project Information (fill out the project name, address, size and date)
2. Surface Prep
3. Patching/Cracks and Joints Filling/ Topping Material **(If Surface Prep Contractor doing this)**

Project Information

Project Name (Required): _____

Below is the same Information as in Pre-Job. No need to fill this section out if you submitted a Pre-Job and this information has not changed.

Size of Project (Square Feet): _____

Project Address: _____

Start Date: _____

Roofing / Waterproofing Products To Be Installed On Top of ACTECH Primer: _____

Storage

Are ACTECH 2170 FC and subsequent products being properly stored in climatized conditions?

Yes No If No, explain _____

Mock-Up / Test Patch

Below is the same Information as in Pre-Job. No need to fill this section out if you submitted a Pre-Job and this information has not changed.

Did you previously install a Mock-Up / Test Patch for this project? Yes No

Was the Mock-Up / Test Patch Approved as being suitable for this concrete slab and having achieved all required performance criteria? Yes No

Surface Prep

Mechanical Surface Profiling Equipment? Shotblaster Grinder Other: _____

CSP Profile Achieving: (Minimum CSP 3 required) CSP 3 CSP 4 CSP 5 Other: _____

Is a previous product installation or patching product needing to be removed, requiring a more aggressive preparation method?

Yes No If Yes, Explain _____

Did you achieve a consistent & uniform mechanical profile? Yes No

(NOTE: high ridges and valleys in the CSP Profile increases material consumption and interferes with the 12-mils over high spots coverage of ACTECH 2170 FC)

Is there any evidence of surface contamination or stains after surface profiling? Yes No If Yes, what steps are you taking to address the issue after discussing with ACTECH Technical Team? _____

Does Concrete contain any reinforcing fibers? Yes No
If Yes, are they being burned off AFTER Profiling? Yes No

Record your Water Drop Test readings (in accordance to ASTM F3191) to Confirm Porosity/Absorbency of the profiled substrate. **(Water drop from a “straw” must absorb into the mechanically profiled substrate within a Maximum of 60 seconds).**

Did ALL Water Drop Tests Absorb Within 60 Seconds? Yes No
If Not, **Do Not Proceed**. ... STOP ... And contact ACTECH Technical Staff immediately.

Test #	# of Seconds		Test #	# of Seconds
1			7	
2			8	
3			9	
4			10	
5			11	
6			12	

***** IMPORTANT ***** BEST Practice: Take Photos / Videos documenting Water-Drop Test /Timer Results and Locate Test Areas on Your Project Map/Sketch.

CRACKS

Are excessive or large structural cracks noticed after surface profiling? Yes No,

If Yes, has ACTECH Technical Department been consulted about proper crack treatment before proceeding? Yes No

Are Cracks chased with saw and thoroughly cleaned? Yes No

Crack Filler is being installed Over Under ACTECH 2170 FC? (WHEN UNDER, ONLY USE PORTLAND CEMENT BASED PRODUCTS)

Names of Crack Filler Products Installed: _____

TECH TIP: We recommend Rapid Set “Cement All” for larger crack filling and patching, ensuring to treat before coating with ACTECH 2170™ FC. For smaller cracks, just flood with ACTECH 2170 FC.

CONTROL JOINTS

Old elastomeric joint filler has been removed (such as urethanes, polysulfides, poly urea)? Yes No

Are All Joints Been Cleaned and prepped? Yes No

Are You Using ACTECH 2170™ FC Mixed With Sand or Fumed Silica to Fill Joints? Yes No
If No, What Filling Material is being used?: _____

EXPANSION JOINTS

All old elastomeric or other types of filler have been thoroughly removed from all expansion joints? Yes No
Are All Expansion Joints being Honored Through Final Coating? Yes No

PATCHING of DAMAGED AREAS

Patching is being installed Over Under ACTECH 2170 FC? (WHEN UNDER, ONLY USE PORTLAND CEMENT BASED PRODUCTS)

Names of Patching Products Installed: _____

TECH TIP: We recommend Rapid Set's "Cement All" for larger crack filling and patching, ensuring to treat before coating with ACTECH 2170™ FC. For smaller cracks, just flood with ACTECH 2170™ FC.

Pin-Hole Prevention Coat with acetone (Only fill out when using this protocol)

Note: If not using this protocol, Skip down to Moisture Mitigation Coat of ACTECH 2170™ FC section.

Application Date: _____ Application Time: _____

Is Concrete Surface **Cleaned Completely of all Dust and Debris**? Yes No

What Equipment was used to clean surface of residual dust & debris Vacuum Wash Other _____

Ambient Conditions:

At Time of Application, Is Concrete Visibly Dry (and FREE of any Condensation)? Yes No

Is there any Precipitation Expected within ~12-hours of the Consolidation Coat Application? Yes No

At Time of Application, Is Temperature: Falling Steady and Falling?

NOTE: ACTECH 2170 FC must ONLY be applied when ambient and slab temperatures are steady and fallin - NOT rising.

At Time of Application, is Ambient Temperature within 50-90°F? Yes No

At Time of Application, is Slab Temperature within 50-90°F? Yes No

During Application, Is the **Dew Point MORE THAN 5°F Above the Current Ambient Temperature**? Yes No

NOTE: DO NOT PROCEED if Dew Point is within 5°F of Current Ambient temperature. Wait Until Environmental Conditions Improve.

What devices are you using to monitor environmental conditions and Dew Points? _____

The application area is being protected (such as tented) due to unsuitable environmental conditions? Yes No
If heated tenting is to be utilized, and applying material to a deck that has a heated or unheated space below, the ambient and deck temperatures above and below must be equalized otherwise pinholes may/will occur.

If tenting and/or heating the coating area, is a flameless (no CO₂) heat source used? Yes No

Explain: _____

Log of ambient and slab temps during application and cure time

(If multiple applications, Additional logs can be provided upon request or save another Final Job and fill out logs only and submit with this Final Job)

Area 1	Time	Ambient Air Temperature	Relative Humidity	Dew Point Temperature	Slab Temperature
Application Start					
Application End					
Curing					
Curing					
Curing					
Curing					

Application:

Have You Reviewed Mixing Instructions? Yes No

Record Mix Time You Are Using : _____ (Minutes Per Kit)

Squeegee / Back-roll Application Method: Are You Using Flat Blade Squeegee and Disposable Brushes? Yes No

Are You Using the Proper Thin Nap/Type Roller Cover? 3/16" 1/2 "

When ACTECH Primer is Applied to Substrate, is it absorbing into the surface (Wetting Out) Immediately? Yes No

Are all Puddles and Poned Material Brushed Out for this Consolidation Coat? Yes No

Record Amount of Pin-hole Prevention coat (with acetone) Material Used:

Application Area _____ SF ACTECH 2170™FC _____ gals Acetone _____ gals

 **TECH TIP:** Take Photos of Consolidation Coat BEFORE Installing Moisture Mitigation Coat

Inspect The Pin-hole Prevention Coat BEFORE Proceeding With Moisture Mitigation Coat:

Record the Time period between the Pin-hole Prevention Coat and the Moisture Mitigation Coat _____ hours.

(NOTE: Allow a minimum of 12-hours between Pin-hole Prevention Coat and the Moisture Mitigation coat to permit flash-off / avoid solvent entrapment).

Are there any signs of solvent entrapment? Yes No

Is the surface tack-free? Yes No

Were additional hours required for flash-off and for curing “tack free”? Yes No

How long did it take? _____

Has the Pin-hole Prevention Coat been exposed to any precipitation before becoming completely cured? Yes No
If yes, what remedy is being used (after consulting with ACTECH)? _____

Is there ANYTHING about the curing/appearance of the Pin-hole Prevention Coat that has you concerned? Yes No
If YES, Do Not Proceed. ... STOP ... And contact ACTECH Technical Staff immediately.

Moisture Mitigation Coat of ACTECH 2170 FC

NOTE: Moisture Mitigation coat must be applied to the Pin-hole Prevention coat within 7-days. If the time exceeds 7 days, contact ACTECH.

Application Date: _____ Application Time: _____

Is Pin-hole Prevention Coat **Completely Cleaned of all Dust & Debris**? Yes No

Did you have to Solvent Wipe the Surface to Remove Dust? Yes No Solvent used: _____

Ambient Conditions:

Is Pin-hole Prevention Coat Visibly Dry (and FREE of any Condensation) At Time of Applying Moisture Mitigation Coat?
 Yes No

Is there any Precipitation Expected within ~6-hours after the Moisture Mitigation Coat Application? Yes No

At Time of Application, Is Temperature: Falling Steady and Falling?

NOTE: ACTECH 2170 FC must ONLY be applied when ambient and slab temperatures are steady and falling - NOT rising

At Time of Application, is Ambient Temp within 40-90°F? Yes No

At Time of Application, is Slab Temp within 40-90°F? Yes No

At the Time of Application, Is the **Dew Point MORE THAN 5°F Above the Current Ambient Temperature**? Yes No

NOTE: DO NOT PROCEED if Dew Point is within 5°F of Current Ambient temperature. Wait Until Environmental Conditions Improve.

What devices are you using to monitor environmental conditions and Dew Points? _____

The application area is being protected (such as tented) due to unsuitable environmental conditions? Yes No
If heated tenting is to be utilized, and applying material to a deck that has a heated or unheated space below, the ambient and deck temperatures above and below must be equalized otherwise pinholes may/will occur.

If tenting and/or heating the coating area, is a flameless (no CO₂) heat source used? Yes No

Explain: _____

Log of ambient and slab temps during application and cure time

(If multiple applications, Additional logs can be provided upon request or save another Final Job and fill out logs only and submit with this Final job)

AREA 1	Date/Time	Ambient Air Temperature	Relative Humidity	Dew Point Temperature	Slab Temperature
Application Start					
Application End					
Curing					
Curing					
Curing					
Curing					

Application:

Have You Reviewed Mixing Instructions? Yes No

Record Mix Time You Are Using : _____ Minutes Per Kit

Confirm That Squeegee / Back-roll Application Method is Being Used: Yes No

Are You Using the Proper Notched Mil Squeegee Size? 12 mil 14 mil Other _____

Are You Using the Proper Thin Nap/Type Roller Cover? 3/8"

Are You Achieving at least 12-mils over all the high spots of the prepped concrete? Yes No

Record Amount of Material used in moisture mitigation coat:

Application Area _____SF ACTECH 2170™FC _____ gals

👉 TECH TIP: TAKE Photos of Moisture Mitigation Coat --- (and of your TEAM to post on social media)

Watch For Danger Signs During Primer Application

While applying the Moisture Mitigation Coat of ACTECH 2170™FC, is the material spreading smoothly and appear "glossy" -- with no protrusions, fibers, or debris visible on the surface? Yes No

While applying the Moisture Mitigation Coat of ACTECH 2170™FC, are any pin-holes, fisheyes, condensation, amine blush, or bubbles beginning to form? Yes No **If YES, Do Not Proceed. ... STOP ... And contact ACTECH Technical Staff immediately.**

Post-Cure Inspection of Moisture Mitigation Coat

Inspection Date: _____ Inspection Time: _____

NOTE: Allow a **minimum of 4 hours** for the ACTECH 2170™FC application to cure tack-free before inspecting (depending on the weather and environmental conditions).

Is the surface tack-free after about 4 hours? Yes No

Were additional hours required for flash-off and curing tack-free? Yes No

Is there ANYTHING about the curing/appearance of the Moisture Mitigation Coat that has you concerned? Yes No

If YES, Do Not Proceed. ... STOP ... And contact ACTECH Technical Staff immediately.

Was the Moisture Mitigation Coat exposed to excess dewpoint, high humidity, or precipitation (before it cured) that could adversely affect the coating? Yes No

If Yes, What remedy is being used (after consulting with ACTECH)?

Did a careful visual inspection of the cured Moisture Mitigation Coat reveal any physical protrusions / high spots that were not completely covered with at least 12 mils of ACTECH 2170™FC? Yes No

If Yes, What remedy is being used (after consulting with ACTECH)? _____

Did a "Touch Test" of the cured Moisture Mitigation Coat reveal any "Greasy" amine blush formation? Yes No

If Yes, what remedy is being used (after consulting with ACTECH)? _____

After close inspection, are there any Pinholes? Yes No

If Yes, what remedy is being used (after consulting with ACTECH)? _____

After close inspection, are there any Fisheyes? Yes No

If Yes, what remedy is being used (after consulting with ACTECH)? _____

After close inspection, are there any Bubbles appearing in the coating? Yes No

If Yes, what remedy is being used (after consulting with ACTECH)? _____

Any Other Defects Observed ? Yes No

If Yes, what remedy is being Used (after consulting with ACTECH)? _____

Bonding Coat of ACTECH 2170™ FC with Sand broadcast (For Subsequent systems that require mechanical bond)

Are you installing a thin bonding coat of ACTECH 2170™ FC with sand broadcast? Yes No

If Yes, Complete the Following:

Application Date: _____ Application Time: _____

Is Moisture Mitigation Coat **Completely Cleaned of all Dust & Debris?** Yes No

Are you installing 3rd -coat within 7-days of installing the 2nd coat of ACTECH 2170 FC? Yes No

If it has been more than 7 days, are you sanding the surface of the cured Moisture Mitigation Coat (2nd-coat) to promote adhesion of Coat #3? Yes No

Are you Solvent Wiping the Surface to Remove Dust? Yes No

Ambient Conditions:

Is the Moisture Mitigation Coat Visibly Dry (and FREE of any Condensation) At Time of Applying Coat #3? Yes No

Is there any Precipitation Expected within ~6-hours after the Sand Broadcasted Coat Application? Yes No

At Time of Application, Is Temperature: Falling? Steady and Falling?

NOTE: ACTECH 2170 FC must ONLY be applied when ambient and slab temperatures are steady and falling - NOT rising

At Time of Application, is Ambient Temp within 40-90°F? Yes No

At Time of Application, is Slab Temp within 40-90°F? Yes No

At the Time of Application, Is the **Dew Point MORE THAN 5°F Above the Current Ambient Temperature?**

Yes No

NOTE: DO NOT PROCEED if Dew Point is within 5°F of Current Ambient temperature. Wait Until Environmental Conditions Improve.

What devices are you using to monitor environmental conditions and Dew Points? _____

The application area is being protected (such as tented) due to unsuitable environmental conditions? Yes No

If heated tenting is to be utilized, and applying material to a deck that has a heated or unheated space below, the ambient and deck temperatures above and below must be equalized otherwise pinholes may/will occur.

If tenting and/or heating the coating area, is a flameless (no CO₂) heat source used? Yes No

Explain: _____

Log of ambient and slab temps during application and cure time

AREA	Date/Time	Ambient Air Temperature	Relative Humidity	Dew Point Temperature	Slab Temperature
Application Start					
Application End					
Curing					
Curing					
Curing					
Curing					

Application:

Have You Reviewed Mixing Instructions? Yes No

Record Mix Time You Are Using: _____ Minutes Per Kit

Confirm That Squeegee / Back-roll Application Method is Being Used: Yes No

What Notched Mil Squeegee Size Are You Using? (If Flat bladed, just put Flat): _____

Are You Using the Proper Thin Nap/Type Roller Cover? 3/8"

Are you putting down enough material to anchor the sand broadcast? Yes No

Record Amount of Material used on Bonding coat:

Application Area _____ SF ACTECH 2170™FC _____ gals

👉 **TECH TIP:** Take Photos of Sand Broadcast Coat --- (and of your TEAM of CRAFTSMEN to post on Social Media)

Post-Installation Check List

NOTE: Has the Contractor/Installer of the next layer in the roofing/waterproofing assembly been made aware that they are responsible for ensuring that;

- 1- the product being installed on top of the ACTECH 2170™FC is compatible and has been tested.
- 2- the recoat window between ACTECH 2170™FC and the subsequent product will be honored, and
- 3- that the surface of the ACTECH 2170™FC Moisture Membrane Coat must be made clean and ready to receive/bond with the subsequent product?

Yes No Name & Contact Info: _____

PROTECTION:

Has the GC/Owner made arrangements to protect the area until the ACTECH 2170™ FC is fully cured?

Yes No Describe: _____

Submittal

As the Approved On-Site Supervisor(s) for this Project, I confirm that I have received, reviewed, and understand all the ACTECH documents required for 1) concrete surface preparation, 2) product installation and 3) the projects eligibility for ACTECH’s Performance Warranty. All information provided above is accurate and true to the best of my knowledge. I understand that any information discovered to be falsified or purposely misrepresented at any time may result in the cancellation or voiding of any warranty offered or issued by ACTECH for any of its products involved in this project.

Signature of Approved On-Site Supervisor: (E-Signature Acceptable)

_____ Date: _____

FOR ACTECH INTERNAL USE ONLY

Date Received By ACTECH _____ NAME: _____
Signature of ACTECH Reviewer: _____
Date Sent Back to On-Site Supervisor: _____

