



Tilt-up Panel Troubleshooting Checklist/Questionnaire

Date: _____ Project Name: _____

Distributor: _____ Contractor: _____

Superintendent: _____

Describe area of job where issues are occurring: _____

What is unique to the area where the problem occurred? _____

What was the climate during casting slab pours? _____

Did it rain during/after placement? ☐ Yes ☐ No

What evaporation reducer used on slab pours? _____

What was the climate during panel pours? _____

Were panel areas wet down prior to pour to reduce osmotic effect? _____

Was ACI hot/cold weather concreting practices observed? ☐ Yes ☐ No

Was there rain within 12 hours of any of the bb coats? ☐ Yes ☐ No

Was the saw cut dust swept up well before cure coat? ☐ Yes ☐ No

What is the sq. ft. panel areas: _____

What type of cure coat of bb was applied? _____

How were panel areas prepped prior to bb coats? _____

What is the sq. ft. panel areas: _____

How many bb coats applied? _____

Casting slabs (waste slabs being used?) _____ Cured with bb? ☐ Yes ☐ No

Stack cast panels? _____ Cured with bb? ☐ Yes ☐ No

What was the turn around time between pours? _____

How many coats of bb applied? _____

Were panel backs (tops) cured with bb also? ☐ Yes ☐ No

What type of sprayer used? _____

Who sprays bb on the job? _____

Are there panel logs kept? ☐ Yes ☐ No

Were the drums agitated daily? ☐ Yes ☐ No

How many drums are on site? _____

How much left? _____

How many drums ordered/shipped to job? _____

Batch number(s) of drums on site: _____

What method was used to affix reveals/edge forms to the slab? _____

If glued down, what method used to prepare the slab for adhesive? _____

Are sugar drinks, chewing tobacco and fuel oils/solvents quarantined areas? ☐ Yes ☐ No

Concrete mix design: (please provide copy of slab and panel mixes)

W/C ratio: _____

Total Cementitious: _____

Fiber used: _____

% of Fly Ash: _____ Type: _____

% of GGBFS: (Slag) _____

Ready mixer producer for the project: _____

Panel Observations:

Casting Area Observations:

Site Observations:

General Discussion Notes: