



• Geotechnical Engineering • Field & Lab Testing • Scientific & Environmental Consulting

DAILY CONSTRUCTION REPORT

Project: Residence Inn By Marriott

SWCE Project No.: 06-0726.2

Client: Norwich Partners, LLC

Client's Rep.: Ara Aftandilian

Date: 12-12-08

Weather: Rain, 30's.

Work in Progress: Porter Drywall (Standard Waterproofing): Applied test area of icynene spray insulation in cavity between first and second floors on I-line between G and H-lines.

Work Performed by SWC Rep.: Made general observations of the spray insulation test area.

General Observations, Discussions, Etc: At the request of Jim Ryan (project architect), S. W. Cole Engineering, Inc., performed a site visit for the purpose of making observations of the test application of an alternate product (icynene) proposed for use in the cavity (detail F on SKA-24C). We understand that the installation of the original product (walltite) was found to be unacceptable to the project architect within the cavity area. Standard Waterproofing had scraped the walltite off the top edge of the precast along the entire test area to a depth that would allow the application gun to be placed directly against the wall; two areas were sprayed each resulting in several feet of product coverage. To better evaluate the application we accessed the test area from a hydraulic lift and physically reached into the cavity and made digital pictures of the installation. The icynene appeared to have excellent expansive qualities and seemed to basically fill the cavity; however, the application did not appear completely homogenous, likely as a result of rapid expansion and limited access. The product seemed to set in dissimilar patterns with some small voids intermixed. We discussed our observations with Joe Bumps and Jim Ryan. We indicated that in our opinion, provided the product specifications were deemed acceptable to Group One, that it was likely that sufficient product was in place to achieve the desired thermal break, however, it did not appear that the produce would act as a vapor or moisture barrier. Presumably, given that the test areas were approximately two to three feet wide, application ports (if continuous access is not provided) would be spaced no more than two feet on center. We indicated to both Jim Ryan and Joe Bumps that S. W. Cole Engineering, Inc. could continue to product project documentation as requested, however, product acceptably, application details and testing frequency should be determined by others.

On Site: 8:15 – 9:30

Attachments: Photos

Sheet: 1 of 1

SWC Rep.: K. Gimpel

Rev. by: RED

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GRAY, ME OFFICE

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The SWCE field representative is on-site at the request of our client to provide construction materials testing and to observe and document construction activities. The contractor has sole responsibility for schedule, site safety, methods, completeness and quality of the work.





