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16th July, 2009

Five Point Developments Inc.
6-1780 McLean Avenue
Port Coquitlam, BC V3C 4K9

Attention: Mr. Richard Latham

RE: Assessment of Supertherm Ceramic Insulation Coating For use at Proposed New Industrial Buildings - 1730 Coast Meridian Road, Port Coquitlam, BC

Dear Mr. Latham;

At your request, this letter is in regards to the concerns of the application of a Supertherm Ceramic coating for use on exterior tilt-up concrete walls on new industrial buildings at the above address.

This product is manufactured by Superior Products International II, inc. and distributed by Eagle Specialized Coatings and Protected Environments. This assessment includes a review of the provided documents on the manufacturer website, provided Architectural Drawings prepared by Besharat Frairs Architects, the ASHRAE 90.1-2004 standard and other related local codes and standards.

The intent of this assessment is to determine the R-value of the exterior tilt-up wall panels after applying a sufficient layer of a Supertherm Ceramic insulation and to determine this R-value's compliance to the ASHRAE 90.1.

After reviewing all the documentation listed above, completing R-value calculations, and reviewing ASTM C-236 testing results, the assessment is as follows: The resulting R-value for the wall would be 9.7 if we are only considering conduction heat transfer. If we consider a combination of radiation, convection and conduction heat transfers, the R-value would be 19.

According to ASHRAE 90.1 standard (table 5.5.5 of ASHRAE 90.1-2004), the minimum R-value requirement for this wall is 7.6. Therefore, proper application of the Supertherm on the exterior face of the tilt-up concrete wall assembly would meet the minimum requirement of ASHRAE 90.1.

Please contact me with any further questions or concerns.

Yours truly,

McCUAIG AND ASSOCIATES ENGINEERING LTD.

A handwritten signature in black ink, appearing to read 'Ali Karimi', with a horizontal line extending to the right.

Ali Karimi, P. Eng.