



Feb. 28, 2017

Mike Smith, P. Eng.
Western Engineered Containment Ltd.
msmith@wecontain.com

Dear Mike,

We have tested The Precidium™ ECS™ spray applied polyurea for methane permeability. The permeance result was 5.5×10^{-12} mol/m²/sec/Pa.

We can recommend ECS as an under-slab methane barrier as it provides a barrier and especially because it provides such a good seal around the edge where the slab meets the foundation, and around any penetrations. Given that the edges of the slab and penetrations are typically the main route of methane into a building, spray applied ECS will provide a superior seal compared to sheet goods in these critical zones.

Given the fact that the porous layer under the barrier is vented to atmosphere we are confident in ECS™ as a methane barrier.

If you would like to discuss this further please contact me.

Sincerely,

A handwritten signature in blue ink that reads "Dave Martin". The signature is fluid and cursive, with a large initial "D" and "M".

Dave Martin, P.Eng.
Chemical Engineer
Quantum Chemical
780 458 3355 x232

PRECIDIUM™ & SafeCoat® Protective Coatings

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