



Building Envelope Council Ottawa Region

***Presentation #2: Building with the earth, for the Earth:
Rammed Earth in the Modern Built Environment***

Humans have been taking advantage of the benefits of rammed earth for thousands of years to provide secure, weather-proof housing that heats and cools itself. Today, modern rammed earth construction seamlessly integrates these time-tested benefits to address contemporary housing and infrastructure needs. Rammed earth provides a sustainable alternative to conventional building methods, offering healthy, beautiful homes for vibrant communities. Sylvia will present rammed earth technology that Aerecura has developed for cold Canadian climates referencing their experiences that lead them to their technology development.

Speaker: Sylvia Cook, CEO, Founder, Aerecura Sustainable Builders.

Sylvia Cook was a physicist and teacher turned sustainable builder. She champions rammed earth for its sustainability and elegance. She founded Aerecura Sustainable Builders in 2009 to bring modern rammed earth to Ontario. With three crews building rammed earth across Ontario, Sylvia now spends her time advocating for sustainable building and educating about the advantages of rammed earth, aiming for a future where eco-friendly methods are the norm. She resides in Ontario's inaugural rammed earth home.

