



Building Envelope Council Ottawa Region

Ken McGowan – Tremco Green Roof – Vice President & Green Roof Consultant}



This presentation highlights a range of case studies that showcase Tremco's innovative green roofing systems, demonstrating their successful integration across various projects. Each case study delves into Tremco's dedication to sustainability, exploring how these green roof solutions enhance environmental performance, stormwater management, and energy efficiency. Attendees will gain valuable insights into the practical benefits of green roofing, with project-specific data and performance metrics underscoring the impact. This overview emphasizes Tremco's leadership in sustainable roofing, illustrating best practices and real-world results from commercial applications.

With over 13 years of experience in Bioroof Systems Inc. and Tremco Green Roofing consulting, **Ken McGowan** is a seasoned green roof consultant and Vice President who brings a wealth of expertise to sustainable roofing solutions. Ken has dedicated his career to advancing eco-friendly roofing practices, combining extensive knowledge of plant systems, waterproofing technology, and energy-efficient design to develop effective green roofs for a variety of applications. His leadership and commitment to environmental stewardship have made him a trusted advisor in the industry, guiding projects from initial design through to implementation and maintenance. Ken's expertise is an invaluable asset to clients seeking sustainable, innovative roofing solutions that prioritize long-term resilience and environmental impact.

Rick Buist – Tremco Green Roof – Director of Tremco's Vegetated Roof Program

GREEN ROOF FAILURES...WHAT'S TO BLAME? BMP's for avoiding mistakes in green roof design, installation and maintenance.



Rick Buist, is a consultant to Tremco's Vegetated Program. He is an award-winning designer and horticulturist and is consulted regularly by design professionals to troubleshoot green roof failures and help design systems to specialized roles. For two decades, Rick has been involved in the design and/or installation of millions of square feet of green roof projects throughout North America.

Throughout the USA and Canada, he has worked on iconic landmark projects such as:

- the LEED gold, award-winning Canadian War Museum
- the LEED platinum Houston Museum of Fine Arts, Glassell School
- the LEED platinum Manitoba Hydro Building
- the LEED gold University of Cincinnati Lindner College of Business
- the LEED silver Canadian Museum for Human Rights
- the Toronto Transit Commission's McNicol Bus Garage with a 4 acre green roof.