



Colin R. Murphy, RRC, FRCI, LEED^{AP}

Mr. Murphy is the principal of Trinity | ERD, which he founded in 1986. His education is in law (Scotland) and mechanical engineering. He is an author, educator, inventor, and principal of the firm. He is a Registered Roof Consultant with numerous certifications and registrations within the building envelope discipline. Mr. Murphy has authored and presented numerous papers on roofing and building envelope subjects throughout the United States and Canada. He has received awards for outstanding publications and service to industry organizations. He holds fifteen United States and European patents for roofing and building envelope components and systems. Mr. Murphy's work within the firm includes forensic analysis of building envelopes, design of building envelope systems, and the testing of building envelope components and systems.

Education:

Bachelor of Laws (LL.B.), University of Dundee, Dundee, Scotland

Bachelor of Science in Mechanical Engineering, Knightsbridge University

Professional Certifications:

Roof Consultants Institute, Registered Roof Consultant,
Institute of Roofing and Waterproofing Consultants
Exterior Design Institute, Third Party Inspector
International Code Council, Building Inspector (Residential and Commercial)
LEED Accredited Professional
InstallationMasters, Certified Installer

Awards:

Elected to RCI Board of Fellows, 2001
Herbert W. Busching, Jr. Award for Outstanding Service to the Roofing Industry, April 1998
Richard Harowitz Award for Technical Writing, Best Technical Publication 1995 (awarded 1996)

Books Published

"The Roof Construction Guide for General Contractors"; Published March 1998, ISBN - 0 - 9663701-0-4, Publisher: Roof Consultants Institute.

Recent Published Papers

"Qualitative Sampling of the Building Envelope for Water Leakage" (Lonnie Haughton and Colin Murphy) publishing in October 2007 issues of Journal of ASTM International.

"Protecting Exterior Gypsum from Mold and Moisture Damage" (Colin Murphy and Lonnie Haughton) published in November 2007 issues of Mold & Moisture Management magazine, Garrisonville, VA.

Recent Presentations– Technical Seminars & Symposiums

Roof Consultants Institute, Forensic Diagnostic Tools, Tukwila, WA, May 2016

"First World Buildings in Developing Nations" – Presented during the Sustainable Roofing and Waterproofing Symposium, Hershey, Pennsylvania, September 20, 2017