

DR. HESHMAT LAALY BIOGRAPHY

Dr. Laaly is an analytical chemist, internationally recognized as an expert in the technical areas of plastics, rubbers, roofing and waterproofing materials, with a solid background in the fields of construction materials testing and instrumental analysis. His education includes a Ph.D. in Chemistry from the University of Stuttgart, Germany. His professional focus has been on the development and evaluation of ion exchange resins and the measurement of chemical, physical, and mechanical properties of materials, before and after natural aging and accelerated weathering, and the preparation of standards and codes of practice for roofing materials.

In July 1983, he received the "Certificate of Merit" from the Canadian General Standards Board in recognition of his contributions to the development of Standards and Test Procedures for roofing materials and methods of application. After 20 years compiling technical information on the field of roofing technology, he published his book in 1992 which encompasses 80 chapters in two volumes, 3,152 pages with over 1,100 photos, figures and tables, and which is entitled:

"The Science and Technology of Traditional and Modern Roofing Systems"

The American Biographical Institute (ABI) awarded Dr. Laaly the "World Lifetime Achievement Award" for "Outstanding Contributions to the Roofing Materials Technology" in recognition of his book in 1992.

Dr. Laaly's educational and scientific background, combined with his specialized expertise in the science of roofing materials, led him to the successful development of a new class of revolutionary and bi-functional Roofing Material, " Photovoltaic Single-Ply Roofing Membranes," for which he was granted a U.S. and Canadian patent. The patent was awarded "The Most Commercial Potential Award" in 1988.

Dr. Laaly is a well known speaker in the area of "Photovoltaic Single-Ply Roofing Membranes,"is and has been a member of various scientific organizations and professional associations in Canada and the United States, including APEO, ACS, IRWC, RCI, ASTM - Technical Committee D08, SPRI, CSA, CSI, CGSB, UNIDO, ICBO, RILEM/CIB - Joint Committee and numerous other related organizations.