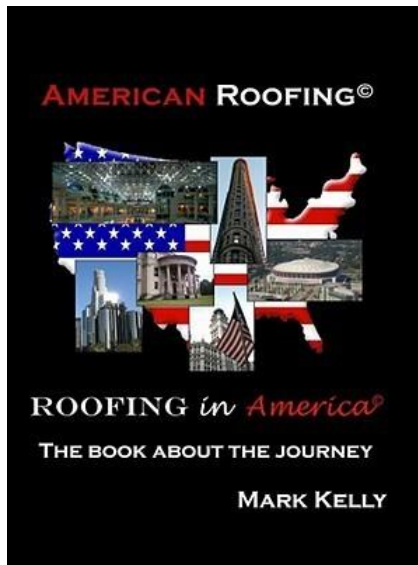




HOME MASTERPLAN
AUTOMATED HOME MANAGEMENT

**BIOGRAPHY MARK E KELLY
ROOFING & WATERPROOFING EXPERT**



Mark Kelly, CEO of RMX Group USA, is an expert in the roofing industry across America. Mark is one of the top 20 roofing consultants in the United States as presented by the CARE Center for the Advancement of Roofing. With over three decades of experience, Mark has worked in 40+ states as a contractor and consultant.

Mark is a renowned roofing expert and author of the book, AMERICAN ROOFING: Roofing in America which has been placed in the US LIBRARY of CONGRESS, and the US Navy Construction and Engineering library

.....

Roof Master Planning With Mark Kelly

ARTICLE FROM THE " BOSTONGLOBE" Newspaper

Wednesday, November 6, 2013

Dedham man's book pops the lid off America's roofs



[Dedham man's book pops the lid off America's roofs](#)

Posted by Michele Morgan Bolton May 4, 2010 09:19 AM

**By Michele Morgan Bolton, Globe Correspondent
roofheadshot.jpg**

Dedham resident [Mark Kelly](#) can rattle off more details about roofing in one sitting than most people could ever assimilate in a lifetime.

For example, who knew that there are more than 250 billion square feet of residential roofing in the United States and more than 750 billion square feet of commercial roofing?

Kelly's new book, "American Roofing: Roofing in America," at 333 pages, is one of the first books of its kind to take an in-depth look at an industry Kelly knows inside and out after spending 30 years in the design, construction, restoration, and preservation of some of the country's most significant buildings.

The average American does not typically think about the roof overhead, Kelly said, let alone what goes into making that roof a good one.

His book explores the history, development, design, and technology of American roofing by examining roofing projects throughout each of the 50 states and offering insight into some of the country's most famous and historic buildings.

That includes the Flat Iron Building in New York, the Georgia Dome in Atlanta, the Wrigley Building in Chicago, and even the Fairbanks House in Dedham (circa 1640) that is believed to be the oldest timber-frame structure still in existence in the nation.

So, why is it that America can claim the best roofs in the world?

"It's a combination of natural resources and the American spirit," Kelly said. "The American personality is always trying to get better. If something is weak, we try to improve it."

Most folks look at roofs as just a layer that keeps the rain out. But for Kelly, roofing defines structures, from churches and temples to skyscrapers. Every roof is specialized for its purpose.

The earliest roofs, fashioned from red cedar, include domes like the Massachusetts State House, which over time evolved to tin and then copper topped in gold, Kelly said.

Kelly said he knew from about age 5 that engineering would be his destiny. His website details how he helped on family building projects as a boy, pouring concrete, digging holes, installing sheetrock, painting, and, of course, roofing.

After graduating from Northeastern University, where he also played football, Kelly worked for UPS as a regional project engineer and roofing expert. Then on to a large engineering firm before starting his first business, Kelly and Stewart Roofing.

Next came a move to consulting, where he said he landed the largest roof design contract in New England history with a bid to consult and supervise the reroofing of 50 schools and seven DPW buildings. Now, he is one of the top 20 roofing consultants in the United States per the CARE Center for the Advancement of Roofing.

After all this time, Kelly said it's hard to assign favorites. But if he could, on a materials level alone, he likes the old coal tar pitch roofs of post-World War II days, known, like the country's residents of the time, for their steadfast endurance.

These days, locally, the rubber roof underneath the tile dome of West Roxbury's Holy Name Church would win hands down, Kelly said, calling it his modern-day "100-year roof."

And, nationally? Probably the largest copper roof in the world, located in Ann Arbor, Mich., which covers the three-quarter-of-a-mile-long headquarters for Domino's Pizza, he said.

While there are lots of technical books about roofs already in stores and libraries, Kelly said he realized what was missing was information on why roofs are important.

"It struck me that most people take them for granted," he said. "But after water and food, isn't the next most important thing shelter?"

Michele Morgan Bolton can be reached at mmbolton1@verizon.net.

Hurricane Damages to Roofing

Mark Kelly September 16, 2018



Wind storms can affect buildings rapidly and owners have very little warning to prepare for the damages to ; exterior envelope, interior

finishing, interior furnishings & business operations. Insurance companies require owners to mitigate damages with stopping leaks by temporary methods and take an accounting of all damages right away. Furthermore business interruption has similar requirements for fixing the problems temporarily.

With the post Katrina and Wilma Hurricanes new codes for FM & ASHRAE created both a double deductible for storms with hurricane level- wind storms and repairs being allowed all the way up to any percentage of roof area . If it is 20%, 30%, 50% or 85% damaged it is to be repaired not fully replaced by exact amount damaged. This is a major reason you must recognize the damage. All the damage must be defined and documented.

RMX GROUP USA has 35 years of experience in wind storm damage recognition and defends owners with strong reports with scientific evidence using = infrared, nuclear density, moisture meters, pull tests and photographic evidence.

Mark Kelly and RMX have worked on 24 hurricanes with hundreds of millions of square feet of roofing systems being replaced from FLORIDA to CAROLINAS to JERSEY & NEW YORK & throughout NEW ENGLAND.

.....

Mark Kelly is one of the top 20 roofing consultants in the United States as presented by the CARE - Center for the Advancement of Roofing

- *BS ENGINEERING Graduate - Northeastern University 1979*
- *OSHA Instructor 50 USA states for 30+ years*
- *Tufts University Certified in Asbestos Abatement*
- *Environmental Institute Certified in Lead paint & Asbestos Abatement*

- “ Past Member of Region One of the RCI - Roof Consultant Institute*
- “ Past Member of NRCA - National Roof Contractors Association*
- “ Past Member of NERCA -Northeast Roofing Contractors Association*
- “ Past Member of ICRI - International Concrete Restoration Institute*
- “ Past Member of - Boston Society of Architects*
- “ Past Member of NUCE - Northeastern University Civil Engineers Society*
- “ Past member of BOMA -Building Owners Managers Association*
- “ Past Member of IFMA—International Facility Managers Association*
- “ Current President of RAWIHOF - Roofing and Waterproofing International Hall of Fame*
- “ Current Member of - Several Chambers of Commerce's across the Northeast*