



Iowa-Nebraska IASIU – 2012 Training Seminar – Presentation Brief

MECHANICAL DAMAGE

HOW TO DIFFERENTIATE FROM HAIL & WIND DAMAGE

Anyone working in the property claim arena is familiar with the rise in questionable storm claims. The numbers of contractors and home owners who are willing to create damage to increase their bottom line or get their insurer to pay for uncovered repairs is ever increasing. Mr. Richard Herzog of Haag Engineering has been invited to share his experience with you to give you the tools to make sound decisions as you investigate questionable storm damage claims.

Mr. Richard Herzog will provide you with an engineering perspective of mechanical damage to roofing systems, siding and vehicles. You will learn how to differentiate hail and wind caused damage from other types of damage to roofing, siding, and vehicles. Mr. Herzog will contrast the appearance and distribution of hail caused damage to that damage produced by the various methods of impacting, scraping, and tearing shingles or siding. The presentation will cover damage caused from impacts by hammer, scrapes with coins or keys, and tearing shingles to simulate wind and more. Mr. Herzog will also discuss simulated damage to vehicles. If time allows Mr. Herzog will demonstrate the application of the techniques often used to simulate storm damage.

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RICHARD F. HERZOG

PRINCIPAL ENGINEER & METEOROLOGIST

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Richard Herzog received his B.S. in Civil Engineering and B.S. in Meteorology in 1990 from Pennsylvania State University. He holds his Professional

Engineering certification in several states including Iowa and Nebraska and the surrounding states.



Mr. Herzog began his career with Haag Engineering in Dallas Texas in 1991 as a Staff Engineer and rose to the position of Senior Engineer in 1997. Mr. Herzog became the Branch Manager of Haag's Minneapolis branch in 2005. His responsibilities include the determination of the causes and extents of damage to roofing materials, building envelopes, or building structures, and perform meteorological investigations. He is involved in research projects regarding testing of roofing products and hail climatology. He teaches the

Haag Certified Roofing Inspector Residential and Commercial course as well as a variety of other courses related to roofing and siding damage assessment and repairs.

Mr. Herzog is a member of the National Society of Professional Engineers, the Roofing Industry Committee on Weather Issues (RICOWI), Roof Consultants Institute, National Roofing Contractors Association and Cedar Shake and Shingle Bureau. He served on the board of the RICOWI from 2004-2005 and has been the Chair of the Hail Committee since 2004. Mr. Herzog has several hail damage related publications to his credit including *Protocol for Assessment of Hail-Damaged Roofing*.