



the standard in safety

# ARMA

# STEEP SLOPE

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Date

# AGENDA

- **Hip and Ridge Shingles – Turning Outline of Investigation 2375 into a Standard**
- **Status of UL2218 ANSI Ballot**
- **Withdrawal of UL2390 in favor of ASTM D7158**
- **ASTM D3161 – File Review**
- **Addition of Model Designations for Roofing Products**
- **Switching all wind label marking for ASTM D3161**
- **New Appendix Pages for UL Follow-Up Services Procedures**



# Hip and Ridge Shingles

**UL Seeking to Convert Outline of Investigation  
2375 into a Standard**

**OR**

**Should wind requirements be proposed to be  
added to ASTM D3161**

**Should fire requirements be proposed to be  
added to UL790 / ASTM E108**



# Status of UL2218 ANSI Ballot

**AFFIRMATIVE 6**

**NEGATIVE 4**

**NOT RETURNED 1**

**CONSENSUS REACHED – NO**



# Achieving Consensus

**There are two tests for consensus that must be met:**

- **approval by  $2/3$  of those voting, minus abstentions and**
- **approval by a majority of the consensus body**

# SUMMARY OF NEGATIVES

- **Several Negatives were improvements that UL can revise the proposal to address**
- **Need for Precision and Bias Statement**
- **Scope of Standard limited to steep slope application**
- **Pass / fail Criteria too subjective**
- **Method not reproducible or repeatable**
- **Not representative of real world**
- **Better definition of cosmetic damage**
- **Class 3 and 4 size hail is rare and should not be included**



# UL's Next Step - Recirculation

- **UL Will Address All Negatives**
- **Revise Proposal**
- **Release for Recirculation**
- **Target Dates**
  - **Comment Responses and Proposal Recirculation posted May 1, 2009**
  - **30 day Review – Ballot Close June 1, 2009**



# Withdrawal of UL2390

- **2009 ICC Codes now reference ASTM D7158**
- **Several ASTM Standards also updated to reference ASTM D7158**
- **UL2390 Recently Reaffirmed as ANSI**
- **During the Ballot – UL communicated plans to withdraw UL2390 in favor of ASTM D7158**





# ASTM D3161 File Review

- **2008 Edition was revised to clarify pass/fail criteria for unsealed shingles (Section 10.3)**
- **UL File Review initiated for TFWZ and TFXX to assure that all certified products are either not impacted or will be tested to the new requirements of ASTM D3161**



# Addition of Model Designations

**Bulletin dated April 23 Announced Advantages of Adding Product Designations to UL's Online Certification Directory**

**Original target date of December 31, 2008. UL is Finishing this work now.**



# All wind marking- ASTM D3161

- **UL 997 Withdrawn**
- **Switching all wind label markings to reference ASTM D3161, Class A, D, or F**
- **Deletes references to UL997**



# New Appendix Pages

- **New Improved Appendix Pages for UL Follow-Up Services Procedures. Will Replace old Standardized Appendix Pages format**



# DISCUSSIONS / QUESTIONS

