

Roof Covering Impact Certification Program

Roof Covering Impact Certification Fast Facts

- Third-party certification program sponsored by Architectural Testing which provides manufacturers with the opportunity to certify that their roof covering materials meet the requirements of FM 4473 and/or UL 2218.
- Laboratory test methods use spherical-shaped ice (FM 4473) and steel (UL 2218) as an impact medium to replicate various impact energies of free falling hailstones on new roofing materials.
- These test methods provide manufacturers and consumers with performance benchmarks relative to impact resistance.
- Products are evaluated for damage and ranked using an impact classification ranging on a scale from 1 to 4. *Impact Classification 4 is currently the best possible rating.*
- Some insurance companies offer premium credits for policy holders who install roofing materials manufactured by certification program licensees that meet certain impact classifications as designated in FM 4473 and UL 2218.

Value

Impact performance of roof covering materials is an important consideration for insurance companies and building owners. As one of the most vulnerable components of any building, roof covering materials can often be subjected to extensive damage by hailstones, resulting in claims for repair or replacement.

When choosing a roof covering material, it is wise to consider damage prevention and reduction by choosing products rated for impact resistance. Licensees in the Roof Covering Impact Certification Program manufacture products that have been tested and certified as having achieved Class I through IV ratings for impact resistance. Architectural Testing provides independent verification of the manufacturer's certification.

This Certification provides several important benefits:

- Assurance to the user that products bearing the program label are faithful reproductions of the samples that were independently tested and rated.
- Assurance that the test parameters were consistent for all products bearing the program label, thus providing a direct apples-to-apples comparison of performance.
- Assurance to the user that participating manufacturers maintain a quality control program which is monitored by Architectural Testing for compliance with the Program Guidelines and that Architectural Testing conducts unannounced plant audits and performance tests on randomly selected products on an ongoing basis.

Architectural Testing validates the participating manufacturer's representations through:

- Initial review and approval of the manufacturer's Quality Control Program.
- Evaluation of test reports and data for compliance with minimum requirements.
- Ongoing manufacturing facility audits to determine continued compliance with Program Guidelines.
- Periodic random product selection and independent testing.

Roof Covering Impact Certification Logo: The Stamp of Approval

Manufacturers who satisfy the requirements of the Roof Covering Impact Certification Program are licensed to apply certification program labels to qualifying products. In addition, a web-based certified products list is maintained for reference by specifiers, code and building officials, architects, insurance companies, potential buyers and others. Participating manufacturers are also permitted to use a facsimile of the program label in sales and marketing literature as approved by Architectural Testing.

By applying the certification program label, the manufacturer is certifying that the product bearing the label meets the requirements of the certification program and the information listed is accurate for that product. Architectural Testing permits continued licensing of the participating manufacturer based upon demonstration by the manufacturer that certification is true as indicated by unannounced audits and product testing.



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