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EVALUATION CENTER

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RENDERED TO

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PRODUCT EVALUATED
GMX-145 Roofing Underlayment

EVALUATION PROPERTY
Fire response

TEST REPORT

Report of Testing GMX-145 Roofing Underlayment for compliance with the applicable requirements of the following criteria: *ASTM E108-11 Standard Test Methods for Fire Tests of Roof Coverings, and ICC-ES AC207, Acceptance Criteria for Polypropylene Roof Underlayments, Approved February 2012.*

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5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

5.1.1. Intermittent Flame Exposure Test

Intermittent Flame Exposure Test Results		
Test Result	ASTM E108-11, Section 14	Pass/Fail
No sustained flaming on the underside of the test deck, production of flaming or glowing brands displacement of portions of the test sample, nor exposure or falling away of portions of the roof deck.	<p>At no time during or after the intermittent flame test shall:</p> <ol style="list-style-type: none"> 1. Any portion of the roof covering material be blown or fall off the test deck in the form of glowing brands that continue to glow after reaching the floor; 2. The roof deck be exposed, or 3. Portions of the roof deck fall away in the form of particles that continue to glow after continue to glow after reaching the floor; 4. There be sustained flaming of the underside of the deck. 	Pass

5.1.2. Burning Brand Test

Burning-brand Test Results		
Test Result	ASTM E108-11, Section 14	Pass/Fail
No sustained flaming on the underside of the test deck, production of flaming or glowing brands displacement of portions of the test sample, nor exposure or falling away of portions of the roof deck.	<p>At no time during or after the burning brand test shall:</p> <ol style="list-style-type: none"> 1. Any portion of the roof covering material be blown or fall off the test deck in the form of glowing brands that continue to glow after reaching the floor; 2. The roof deck be exposed, or 3. Portions of the roof deck fall away in the form of particles that continue to glow after continue to glow after reaching the floor; 4. There be sustained flaming of the underside of the deck. 	Pass

6 Conclusion

The GMX-145 Roofing Underlayment and roof assembly identified in this report has been tested in accordance with the fire response criteria of ICC-ES AC207, Acceptance Criteria for Polypropylene Roof Underlayments, Approved February 2012, by following method ASTM E108-11. The results of testing are summarized in the table below:

No.	Sample ID	Deck Type	Slope	Rating
1	S150127003SHF-001	Burning Brand Class A	5:12	Class 'A'
2	S150127003SHF-002	Burning Brand Class A	5:12	Class 'A'
3	S150127003SHF-005	Burning Brand Class A	5:12	Class 'A'
4	S150127003SHF-006	Burning Brand Class A	5:12	Class 'A'
5	S150127003SHF-003	Intermittent Flame Class A	5:12	Class 'A'
6	S150127003SHF-004	Intermittent Flame Class A	5:12	Class 'A'

The GMX-145 Roofing Underlayment applied as specified in this report meets the requirements for "Class A" application in accordance with ASTM E108-11 Standard Test Methods for Fire Tests of Roof Coverings, Section 8 and Section 10 for a "Class A" rating at a 5:12 slope. The test requirements were followed as set forth in ICC-ES AC207, Acceptance Criteria for Polypropylene Roof Underlayments, Approved February 2012 Section 4.8 referencing the Intermittent Flame and Burning Brand tests.

The conclusions of this test report may be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

INTERTEK

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