

NORTH AMERICA - MECHANICAL PROCEDURE

STANDARD	TITLE	MECHANICAL			THERMAL
		HURRICANE PRODUCTS	BUILDING ENVELOPE PRODUCTS	RAILING	NFRC
AAMA 1304-02	Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems	●	●		
AAMA 1304-18	Voluntary Specification for Forced Entry Resistance of Side-Hinged Door Systems	●	●		
AAMA 450-20	Voluntary Performance Rating Method for Mullied Fenestration Assemblies		●		
AAMA 513-14	Standard Laboratory Test Method for Determination of Forces and Motions Required to Activate Operable Parts of Operable Windows and Doors in Accessible Spaces		●		
AAMA 910-10	Voluntary “Life Cycle” Specifications and Test Methods for AW Class Architectural Windows and Doors		●		
AAMA 910-16	Voluntary “Life Cycle” Specifications and Test Methods for AW Class Architectural Windows and Doors		●		
AAMA 920-16	Specification for Operating Cycle Performance of Side-Hinged Exterior Door Systems		●		
AAMA 925-17	Specification for Determining the Vertical Loading Resistance of Side-Hinged Door Leaves		●		
AAMA/WDMA/CSA 101/IS2/A440-11	NAFS 2011 - North American Fenestration Standard/Specification for windows, doors, and skylights.		●		
AAMA/WDMA/CSA 101/IS2/A440-17	NAFS 2017 - North American Fenestration Standard/Specification for windows, doors, and skylights.		●		
ANSI Z97.1 – 2015	For safety glazing materials used in buildings – safety performance specifications and methods of test	●	●		

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ANSI Z97.1 – 2015 R2020	For safety glazing materials used in buildings – safety performance specifications and methods of test	●	●		
ASTM E1233/E1233M-14	Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Cyclic Air Pressure Differential			●	
ASTM E1748-95 (2009)	Evaluating the Engagement Between Windows and Insect Screens as an Integral System			●	
ASTM E1748-95 (2017)	Evaluating the Engagement Between Windows and Insect Screens as an Integral System			●	
ASTM E1886-13a	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	●		●	
ASTM E1886-19	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	●		●	
ASTM E1996-14a	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	●		●	
ASTM E1996-20	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	●		●	
ASTM E2025-99(2006)	Evaluating Fenestration Components and Assemblies for Resistance to Impact Energies		●		
ASTM E2068-00	Standard Test Method for Determination of Operating Force of Sliding Window and Doors		●		
ASTM E2353-16	Performance of Glazing in Permanent Railing Systems, Guards, and Balustrades			●	

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ASTM E2353-21	Performance of Glazing in Permanent Railing Systems, Guards, and Balustrades			●	
ASTM E2358-17	Glass Railing Systems Specification			●	
ASTM E283-04	Standard Test Method for Determining Rate of Air Leakage Through Exterior Window, Curtain Walls, And Doors Under Specified Pressure Differences Across the Specimen	●	●		
ASTM E283 E283M-19	Standard Test Method for Determining Rate of Air Leakage Through Exterior Window, Curtain Walls, And Doors Under Specified Pressure Differences Across the Specimen	●	●		
ASTM E330/E330M-14	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Uniform Static Air Pressure Difference	●	●		
ASTM E331-00	Standard Test Method for Water Penetration of Exterior Window, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference	●	●		
ASTM E331-00(2016)	Standard Test Method for Water Penetration of Exterior Window, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference	●	●		
ASTM E547-00	Standard Test Method for Water Penetration of Exterior Window, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference		●		
ASTM E547-00(2016)	Standard Test Method for Water Penetration of Exterior Window, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference		●		
ASTM E935-13e1	Performance of Permanent Metal Railing Systems and Rails for Buildings		●		
ASTM E935-21	Performance of Permanent Metal Railing Systems and Rails for Buildings		●		

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ASTM E987-88	Standard Test Methods for Deglazing Forced of Fenestration Products		●		
ASTM E987-88 (2017)	Standard Test Methods for Deglazing Forced of Fenestration Products		●		
ASTM F588-14	Standard Test Method for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact	●	●		
ASTM F588-17	Standard Test Method for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact	●	●		
ASTM F842-14	Standard Test Method for Measuring the Forced Entry Resistance of Sliding Door Assemblies, Excluding Glazing Impact	●	●		
ASTM F842-17	Standard Test Method for Measuring the Forced Entry Resistance of Sliding Door Assemblies, Excluding Glazing Impact	●	●		
TAS 201-94	Testing Application Standard Impact Test Procedures	●			
TAS 202-94	Testing Application Standard Criteria for testing Impact & Nonimpact Resistant Building Envelope Components Using Uniform Static Air Pressure	●			
TAS 203-94	Testing Application Standard Criteria for Testing Products Subject to Cyclic Wind Pressure Loading	●			

OCEANIA - MECHANICAL PROCEDURE

STANDARD	TITLE	MECHANICAL			THERMAL
		HURRICANE PRODUCTS	BUILDING ENVELOPE PRODUCTS	RAILING	NFRC
AS 4420 2-1996	Windows - Methods of test Deflection test		●		
AS 4420 3-1996	Windows - Methods of test Operating force test		●		
AS 4420 4-1996	Windows - Methods of test Air infiltration test		●		
AS 4420 5-1996	Windows - Methods of test Water penetration resistance test		●		
AS 4420 6-1996	Windows - Methods of test Ultimate strength test		●		

NORTH AMERICA - THERMAL PROCEDURE

STANDARD	TITLE	MECHANICAL			THERMAL
		HURRICANE PRODUCTS	BUILDING ENVELOPE PRODUCTS	RAILING	NFRC
ANSI-NFRC 100-2020	Procedure for Determining Fenestration Product U-factors				●
ANSI-NFRC 200-2020	Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence				●
ANSI-NFRC 500-2020	Procedure for Determining Fenestration Product Condensation Index Ratings				●