

Dolby Engineering
1185 Whisper Cove Drive
Buford, GA 30518
470-655-6475

August 10, 2026

Corrosion Resistance

Manufacturer:

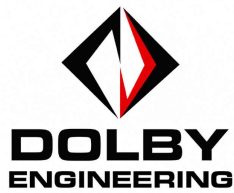
Kawneer Company
555 Guthridge Court
Norcross, Georgia 30092

The 2026 Florida Building Code, 9th Edition contains new Section 1711 Corrosion Resistance – Saltwater Environments, which addresses exposure conditions less than or equal to 300 feet, as well as greater than 300 feet and up to 3000 feet from coastal shoreline. As stated in **Section 1711.1.1 for Screws, bolts, and nails** and in **Section 1711.1.2 for Connectors and metal plates**...shall be corrosion resistant by composition (stainless steel or nonferrous metal) or by coating or galvanization as specified in this section and Table 1711.1. Reference Table 1711.1 for exposure descriptions.

TABLE 1711.1— CORROSION RESISTANCE OF FASTENERS AND CONNECTORS

Exposure Description*	BUILDING LOCATION			
	Less than or equal to 300 feet from coastal shoreline		Greater than 300 feet and up to 3000 feet from coastal shoreline	
	Screws, bolts, lag screws(including nuts and washers),nails and glulam rivets	Connectors and Metal Plates	Screws, bolts, lagscrews (including nuts and washers), nails and glulam rivets	Connectors and Metal Plates
Exterior-Partially Sheltered and Exterior-Open Exposed	Stainless Steel in accordance with Section 1711.1.1.1	Stainless Steel in accordance with Section 1711.1.2.1	Galvanized in accordance with Section 1711.1.1.2	Enhanced Galvanized in accordance with Section 1711.1.2.2
Unconditioned Interior-Vented Enclosed	Galvanized in accordance with Section 1711.1.1.2	Enhanced Galvanized in accordance with Section 1711.1.2.2	Galvanized in accordance with Section 1711.1.1.2	Enhanced Galvanized in accordance with Section 1711.1.2.2
Unconditioned Interior-Unvented Enclosed	Galvanized in accordance with Section 1711.1.1.2	Standard Galvanized in accordance with Section 1711.1.2.3	Galvanized in accordance with Section 1711.1.1.2	Standard Galvanized in accordance with Section 1711.1.2.3

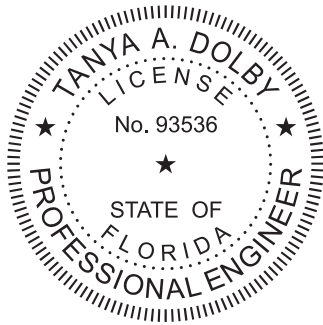
Kawneer’s Curtain Wall product 1600 Wall System was tested per standards that meet AAMA 501-25, TAS 201, TAS 202, TAS 203 and ASTM E1996-17. The frame members and connecting parts are 6063-T6 extruded aluminum profiles. The horizontal to vertical frame connection consists of a aluminum shear block with two (2) #12 300 series stainless steel fasteners connecting the horizontal to the shear block. These fasteners meet the requirements of Section 1711.1.1. Two (2) #12 430 series stainless steel fasteners connect the shear block to the vertical member on the interior of the system that have no exposure to a corrosive environment. The product is supplied with the same connection fasteners for



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projects in the field. The test units were anchored to the surrounding conditions through 6063-T6 F and T anchor profiles and Grade 5 Steel Ultracon Anchors coated with Stalgard which meets Section 1711.1.1.2.

Extruded 6063-T6 aluminum profiles are nonferrous. When exposed to air and moisture, 6063-T6 aluminum forms a thin, stable oxide film which prevents further oxidation and protects the underlying metal. When exposed to corrosive environments, 6063-T6 should be paired with an anodized or powder-coated finish for optimal corrosion resistance. All fastener anchors connecting the 1600 Wall System 1 to surrounding substrates supplied on projects shall minimally meet the connection strength of the as tested condition along with the requirements of Table 1711.1 and Section 1711.1.1 and supply ASTM A240 Type 304, Type A305 or Type 316 stainless steel fasteners or fasteners with a code compliant coating per Section 1711.



A handwritten signature of Tanya A. Dolby in cursive script.

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Tanya A. Dolby, P.E.
FL P.E. 93536