

**EVALUATION REPORT OF
IMETCO'S
'TAJO 17 WALL FAÇADE SYSTEM'**

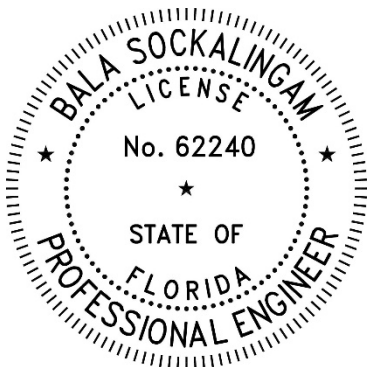
**FLORIDA BUILDING CODE 8TH EDITION (2023)
FLORIDA PRODUCT APPROVAL
FL 41628.4-R1
PANEL WALLS
SIDING**

**Prepared For:
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**This report consists of
Evaluation Report (3 Pages including cover)
Installation Details (3 Pages)**

**Report No. C2691-4
Date: 7.24.2023**



This item has been digitally signed and sealed by Bala Sockalingam, PE, on the date indicated.

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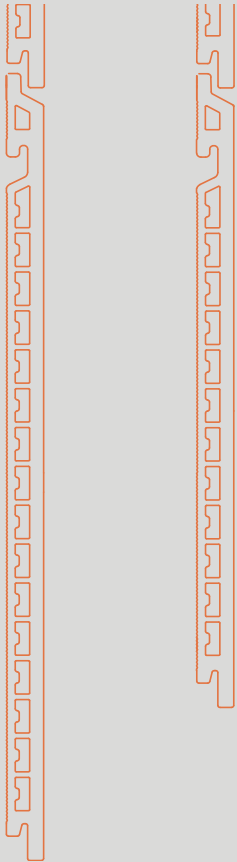
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Manufacturer:	IMETCO
Product Name:	Tajo 17 Wall Façade System
Panel Description:	Tajo 17 wall system consist of extruded ceramic tile with a honeycomb-shaped structure with female interlock at the top and bottom to facilitate fastening to the supporting metal substructure.
Dimensions:	Nominal thickness of 0.67" (17 mm) with maximum width of 15.75" and length of 48".
Allowable Loads:	Allowable wind load is -75.2 psf. Tajo wall system must be installed over wall assemblies capable of supporting all imposed loads. The substructure must be securely fastened to the supporting wall with corrosion resistant fasteners that are compatible with the wall assembly substrate.
Installation:	Tajo wall system must be installed over wall assemblies complying with FBC 2023 Section 1403.3 using the substructure system and attachment described below. Support brackets (1/8" thick, 2" wide, 3-1/8" long) are installed at splice locations of the vertical profile, top and bottom of the supporting wall and are fastened with (2) corrosion resistant fasteners. Retention brackets (1/8" thick, 2" wide, 1-9/16" long) are fastened in the field of the supporting wall with (1) corrosion resistant fasteners. The support and retention brackets are spaced at max. 32" o.c. horizontally and 22" o.c vertically. Vertical 'T' (1/16" thick, 3" wide, 3" deep) or Tube (1/16" thick, 2" square) profiles are secured to the vertical leg of brackets with (1) ¼"-14 x 1" long hex head self-drilling screws. Horizontal (1/8" thick, 2-3/8" wide, 1" deep) profiles are secured to the 'T' or Tube profiles with (1) ¼"-14 x 1" long hex head self-drilling screws. Horizontal profiles are spaced at 15.75" o.c. Tajo ceramic tiles are hooked on to the Horizontal profiles.
Test Standards:	Wall assembly tested in accordance with ASTM E330-14 'Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.', ASTM E283-04(2012) "Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the

Specimen” and E331-00(2009) “Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference”.

Product Limitations: Design wind loads shall be determined for each project in accordance with FBC 2023 Section 1609 or ASCE 7-22 using allowable stress design. Tajo 17 wall system must be installed in accordance with the manufacturer’s published installation instructions and the project specific substructure fastening calculation. This evaluation report is not applicable in High Velocity Hurricane Zone.

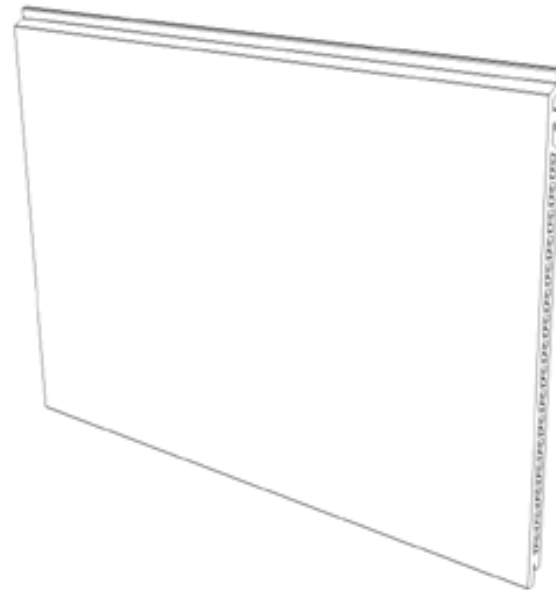
Supporting Documents: ASTM E330, E283 & E331 Test Report
Intertek Testing Services.
H6156.02-109-44, Reporting Date 2/6/2019
(Imetco is authorized to use Gresmanc Internacional S.L. Test Report)



Espesor/*Thickness*
17 mm

Altura/*Width*
300 - 400 mm

Longitud/*Length*
< 1200 mm





1 Ménsula de sustentación
(Aluminio)
Support Bracket (Aluminum)



2 HSA M8 x 70 (Acero Inox A2 /
Stainless Steel)



3 Ménsula de retención (Aluminio)
Retention Bracket (Aluminum)



4 HRD 10 x 80 (Acero Inox A2 /
Stainless Steel)



5 Tornillo 5,5 x 22 (Acero Inox A2
/ Stainless Steel)



6 Tornillo 4,2 x 16 (Acero Inox A2
/ Stainless Steel)



7 Pefil Horizontal (Aluminio)
Horizontal Profile (Aluminum)



8 Pefil Omega (Aluminio)
Omega Profile (Aluminum)



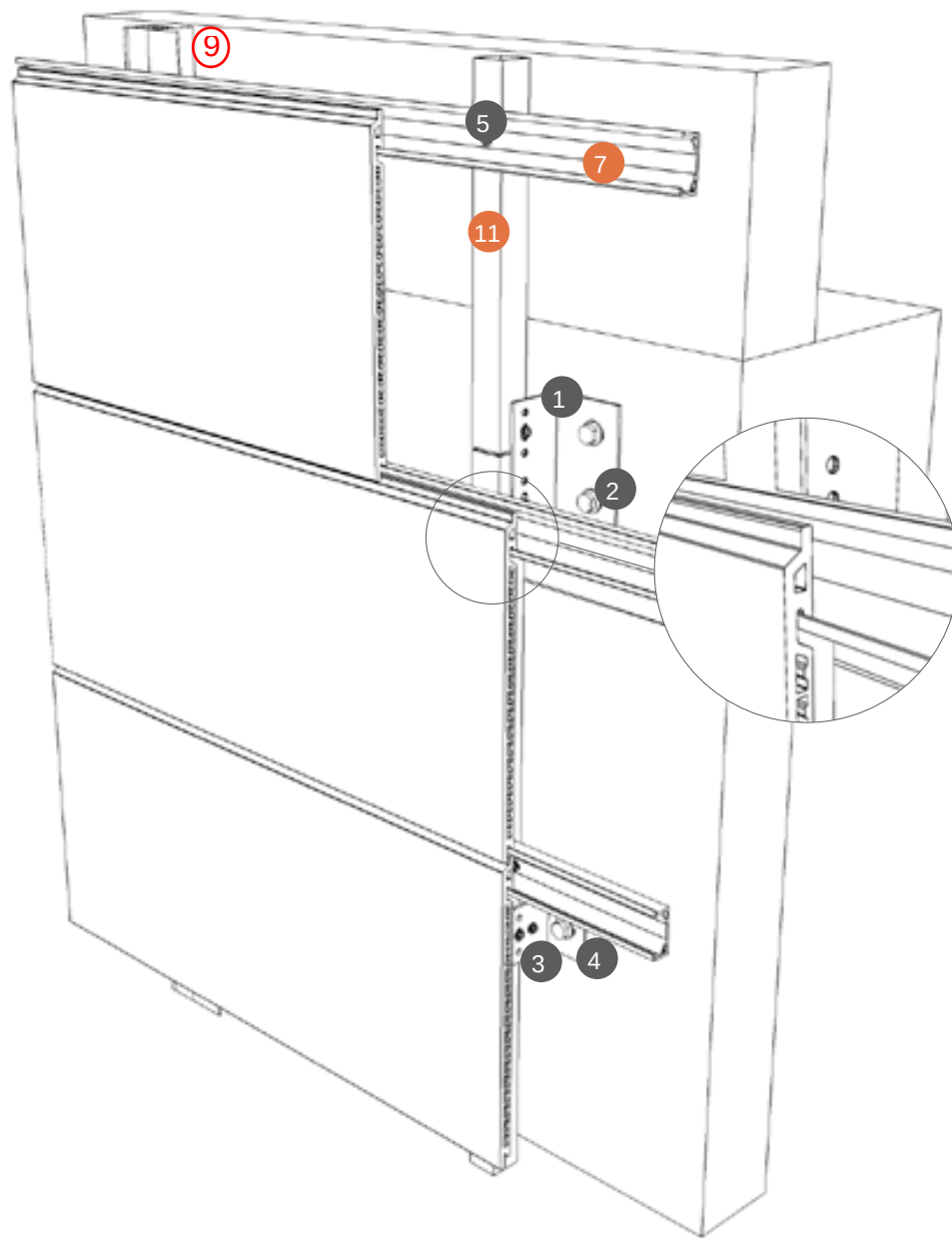
9 Perfil T (Aluminio)
T Profile (Aluminum)



10 Perfil de junta (Aluminio)
Joint Profile (Aluminum)



11 Perfil Vertical - Tubo 40x40x2 (Aluminio)
Vertical Profile - Tube 40x40x2 (Aluminum)



7 Perfil Horizontal (Aluminio)
Horizontal Profile (Aluminum)



11 Perfil Vertical - Tubo 40x40x2 (Aluminio)
Vertical Profile - Tube 40x40x2 (Aluminum)