Florida Training Material

Florida Product Approval Processing of Approvals and Audits

Methods of applying for Florida Product Approval – Per Florida 61G20-3.005

Method 1 - Option A - Certification Mark or Listing

1. The Licensee obtains a CCL from WDMA. A custom CCL can be generated for a specific product line or product family to be uploaded to the Building Code Information System (BCIS) Product Approval Web-site. [https://floridabuilding.org/pr/pr_default.aspx](https://floridabuilding.org/pr/pr_default.aspx)

2. The Licensee fills out the required fields on the FBC website
   a. They choose Certification Mark or Listing for Compliance Method.
b. They choose WDMA for the Certification Agency and Validated by.

c. The referenced Standards are listed next for only the standards that are listed on the CCL.
d. The Licensee uploads that CCL under Certification Agency Certificate box.
   i. Each Hallmark CCL number extension has a specific expiration date that needs to be listed under QA Expiration Date
e. The Licensee uploads the installation Instructions under the Installation Instructions box.
   i. Tested - All tested substrates comply when documented as tested by the test laboratory. An example of this would be a letter stating the report results including nail fin, strap installation and screws through the jamb as indicated in the referenced reports. This application would be uploaded for an administrative review from a validation entity.

f. The Licensee uploads the installation Instructions under the Installation Instructions box.
i. Third Party Evaluation Report – The application may be uploaded including an evaluation report indicating the anchoring requirements and all intended substrates from a third party Florida Registered Professional Engineer. The application is uploaded as an administrative review from a validation entity.

ii. The Installation instructions for windows including attachment, at minimum shall include the following per FPA Rule Chapter 61G20-3: (See attached example published drawings)
   1. The type, grade of anchor, and/or manufacturer’s anchor specifications, including minimum nominal size, minimum penetration into substrate and minimum edge distances;
   2. Type, physical dimensions, material and grade of any accessory item or strap, if applicable;
   3. Spacing of anchors, shims, accessory items and straps; and
   4. Illustrated diagrams of the attachment of the product to the structure.

   (f) Limitations and conditions of use.

   g. Window door and skylight products shall be manufactured under a quality assurance program audited by an approved quality assurance entity. The WDMA Hallmark Certification Program meets this requirement.

   h. The applicant submits the application and it is listed on the BCIS site under WDMA pending applications for validation to be reviewed.

3. WDMA/AMS staff performs an administrative review of all information uploaded to the FBC website and validates if everything is correct.

4. WDMA/AMS will need to conduct Florida quality assurance plant and product inspections at intervals not to exceed 12 months
   a. Use WD-30 and WD-40 forms and a file similar for products that are inside of the Hallmark Program that they list WDMA as the Quality Assurance Agency [This is included with the Hallmark Product Audit because all products are listed on CCL]
Method 1 - Option B or Method 1 Option D - Evaluation Report by a Florida PE

1. The Licensee uploads the third party PE Evaluation report and installation instructions to the Building Code Information System (BCIS) Product Approval Web-site.  [https://floridabuilding.org/pr/pr_default.aspx](https://floridabuilding.org/pr/pr_default.aspx)
2. The Licensee fills out the required fields on the FBC website
   a. They choose Evaluation Report for Compliance Method.
b. They choose WDMA for the Quality Assurance Agency.

c. They submit all this information and it goes onto the FBC site to be reviewed by parties other than WDMA.

3. WDMA/AMS will need to do a 1 per year Florida Quality Assurance Inspection that is Plant Basis and Product Basis

   a. Use WD-30 and WD-40 forms and a file similar for products that are outside of the Hallmark Program that list WDMA as the Quality Assurance Agency [This is how it gets disconnected from the Hallmark Program because the product is not listed with a CCL]
4. WDMA will issue an Acknowledgement of Certification and Participation in a Quality Assurance Program – See example below
   a. Per WD-10 Fee Schedule - Florida Quality Control Program (per plant)(QA Acknowledgement) if participating in the Hallmark Certified Program $ 1,000

ACKNOWLEDGEMENT OF CERTIFICATION AND PARTICIPATION IN A QUALITY ASSURANCE PROGRAM

THIS IS TO ACKNOWLEDGE THAT

COMPANY NAME
CITY, STATE

HAVE MET ALL GUIDELINES AND REQUIREMENTS AS SET FORTH IN THE WDMA HALLMARK CERTIFICATION PROGRAM FOR WINDOWS, GLASS DOORS, AND SKYLIGHTS, WHICH INCLUDES PARTICIPATION WITHIN A RECOGNIZED QUALITY ASSURANCE PROGRAM

THIS WDMA QUALITY ASSURANCE PROGRAM IS CURRENT AND IN FULL EFFECT AS OF [MONTH/DAY/YEAR]. THE CONTACT IS VALID THROUGH [MONTH/DAY/YEAR]. PARTICIPATION IN THE WDMA QUALITY ASSURANCE PROGRAM IS SUBJECT TO ANNUAL RENEWAL. WDMA CERTIFICATION LISTINGS SHOULD BE CONSULTED FOR CURRENT INFORMATION AND INFORMATION REGARDING SPECIFIC PRODUCT LINES. WWW.WDMA.COM. WDMA IS AN APPROVED STATE OF FLORIDA QUALITY ASSURANCE AGENCY # QA2515.

John McFee
VP OF CERTIFICATION PROGRAM

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Chicago, IL 60611
Phone: 312-324-8402

Program Administrator
Appointment Management Systems, Inc.
P.O. Box 738
Sandusky, OH 44870
Phone: (330) 546-2334
J & R
WINDOWS & DOORS
2209 & 2210 DIRECT SET THROUGH JAMB INSTALLATION METHOD

GENERAL NOTES:
1. THESE UNITS HAVE BEEN TESTED, ANALYZED, HALLMARK CERTIFIED, AND ARE APPROVED.
2. BUDDING, OPENINGS, AND BUILDING FASTENERS MUST BE PROPERLY DESIGNED AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. UNITS TESTED WITH 0.25" BUCK GAP.
3. THESE UNITS WERE TESTED WITH FINISHED DOORS. FLORIDA BUILDING CODE REQUIRES PRESERVATIVE TREATED SOUTHERN PINE BUCKS.
4. ALL HARDWARE AND FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS AND MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
5. THE UNITS HAVE BEEN TESTED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
6. IMPACT SHUTTERS ARE REQUIRED ONLY WITH NON-IMPACT UNITS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDDING BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
8. TESTING OF ONE WOOD SPECIES COVERS ALL OTHER SPECIES WITH AN EQUAL OR HIGHER MODULUS OF ELASTICITY OR MODULUS OF RUPTURE.
9. TESTING OF PRODUCES COVERING SMALL AS LARGE AS CLADDING IS NOT STRUCTURAL, EXTRUDED, OR WRAPPED AROUND THE GASKET.
10. TESTING OF WINDOWS AND DOORS WITH A SEVEN WIDTH AND THICKNESS OF SOLID STILES AND RAILS. COVERS PRODUCTS WITH WIDER AND THICKER SOLID STILES AND RAILS PROVIDED THAT CONSTRUCTION DETAILS ARE CONSISTENT.
11. ANY GEOMETRIC SHAPE THAT FITS WITHIN THE TESTED/APPROVED SIZE FOR A PARTICULAR PRODUCT TYPE IS QUALIFIED BY THE RECTANGULAR SHAPE PROVIDED THAT THE FRAME, SASH, LEAVES, PANELS, HARDWARE, HARDWARE LOCK COMPONENTS, AND CONSTRUCTION REMAIN THE SAME.
12. ALL SHAPED UNITS MUST FIT INSURED INTO THE ALLOWABLE RECTANGULAR UNITS AND BE GOVERNED BY ALLOWABLE DESIGN PRESSURE OR THE RESPECTIVE RECTANGULAR UNIT.
13. SHAPES MUST BE LIMITED TO A MAXIMUM OF 1" FROM EACH CORNER AND A MAXIMUM OF 1" FROM EACH ANCHOR LOCATION.
14. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING REQUIREMENTS, REFER TO THE INSTALLATION INSTRUCTIONS.
15. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF 0.90 oz/ft² ZINC-PLATED GALVANIZED OR STAINLESS STEEL TYPE 304.

SECTION A-A
SCALE: 1:4

J & R
WINDOWS & DOORS
DIRECT SET
THROUGH JAMB
INSTALLATION METHOD

USE SILICONE SEALANT AROUND ENTRAP PERIMETER BETWEEN JAMB & FRAMING MEMBER, BY OTHERS TYP.
WOOD BUCK BY OTHERS TYP.
1/4" (6MM) MAX. SHIM SPACE TYP.

EXAMPLE CHART

<table>
<thead>
<tr>
<th>FRAME SIZE</th>
<th>DP RATING</th>
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</thead>
<tbody>
<tr>
<td>60° X 60°</td>
<td>+60 / -65</td>
</tr>
</tbody>
</table>

SECTION B-B
SCALE: 1:4

1. MINIMUM EMBEDMENT INTO SUBSTRATE TYP.
2. MINIMUM EDGE DISTANCE TYP.

(4) #10 NON-CORROSION SCREWS
3" FROM CORNERS
10°-12° ON CENTER THRU JAMB
AROUND THE UNITS ENTIRE PERIMETER TYP.

THIS SCHEDULE ADDRESSES ONLY THE FASTENERS REQUIRED TO MOUNT THE WINDOW TO THE FRAME IN THE EARLY DEPARTMENT. THIS SCHEDULE DOES NOT ADDRESS THE INSTALLATION CONSIDERATIONS THAT MAY ARISE INDEPENDENT WALL CONDITIONS.

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MATERIAL:

<table>
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<tr>
<th>FINISH</th>
<th>SCALE</th>
<th>PROJ. NO.</th>
<th>DRAWN BY:</th>
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<tbody>
<tr>
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<td>NONE</td>
<td></td>
<td>J. ROWE</td>
</tr>
</tbody>
</table>

DATE REV.
DESCRIPTION

GLASS COMPLIES WITH ASTM E1300
# Non-Corrosive Screws
1-1/2" min. penetration into framing member
3" from corners, 8-10" on center through nailing fin around the units entire perimeter typ

# J & R WINDOWS & DOORS
2009 & 2210 DIRECT SET
NAILING FIN INSTALLATION

## Example Chart
<table>
<thead>
<tr>
<th>FRAME SIZE</th>
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<tbody>
<tr>
<td>60&quot; x 60&quot;</td>
<td>+60 / -65</td>
</tr>
</tbody>
</table>

## General Notes
1. These units have been tested, analyzed, hallmark certified, and FBC approved.
2. Bucking, openings, and bucking fasteners must be properly designed and installed to transfer wind loads to the structure. Unit was tested with 1/2" RD gap.
3. These units were tested with Florida A frame. Florida building code requires preservative treated Southern pine look.
4. All hardware and fasteners shall be in accordance with these drawings and may not vary unless specifically mentioned in the drawings.
5. The units have been tested in accordance with and meet the requirements of the Florida building code.
6. Impact shutters are required only with in-impact units.
7. All anchors shall be installed as specified in these drawings. Specified embedment base material shall be beyond wall finish or stucco.
8. Testing of one wood species covers all other species with an equal or higher modulus of elasticity or modulus of rupture.
9. Testing of primed covers testing of clad as long as cladding is not structural (extruded), or wraps around the gasket.
10. Testing of windows and doors with a given width and thickness of solid stiles and rails, covers products with wider and thicker solid stiles and rails provided that construction details are consistent.
11. Any geometric shape that fits within the tested/approved size for a particular product type is qualified by the rectangular shape(s) provided that the frame, sash, leaves, panels, hardware, hardware lock components, and construction remain the same.
12. All shapes units must fit into the allowable rectangular units and be governed by allowable design pressure or the respective rectangular unit.
13. Shims need to be located a maximum of 1" from each corner and a maximum of 1" from each anchor location.
14. This product is for structural performance only. For flashing & sealing requirements refer to the installation instructions.
15. If chemically treated lumber is used for buck material, fasteners into the buck must be a minimum of 0.90 oz/ft2 zinc hot dipped galvanized or stainless steel type 304.
16. Glass complies with ASTM E1330

## Section A-A
SCHALLE DIST TYP.
SCHALLE DIST TYP.

## Section B-B
SCHALLE DIST TYP.

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## Material:
<table>
<thead>
<tr>
<th>PROD.</th>
<th>DIRECT SET</th>
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</table>

## Cut Stock Size
| DWG. NO. | 9-20-15 |

## Finish:
<table>
<thead>
<tr>
<th>DRAWN BY</th>
<th>J. ROWE</th>
</tr>
</thead>
</table>