

**STRUCTURAL TECHNICAL ADVISORY COMMITTEE CONCURRENT WITH THE
HURRICANE RESEARCH ADVISORY COMMITTEE
TELECONFERENCE MEETING FROM TALLAHASSEE**

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July 28, 2020

9:00 A.M.

Minutes

STRUCTURAL TAC PRESENT:

Jim Schock, Chairman
David Compton
Siavash Farvardin
Jaime Gascon
Michael Guerasio

Joe Hetzel
Do Y. Kim
Daniel Lavrich
CW Macomber
Steve Strawn

STRUCTURAL TAC NOT PRESENT:

Craig Parrino

STAFF PRESENT:

Mo Madani
Tom Campbell
Jim Hammers

Justin Vogel
Chris Howell
Joe Bigelow

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from Facilitated Solutions, LLC. Consultation, Process Design & Facilitation. Information at: facilitatedsolutions.org

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Welcome:

Time: 9:00 a.m.

Mr. Blair welcomed members, staff and the public to the teleconference meeting of the Structural Technical Advisory Committee concurrent with the Hurricane Research Advisory Committee.

Roll Call:

Mr. Blair performed roll call for the Structural TAC. A quorum was determined with 10 members present.

Agenda:

Mr. Blair asked for a motion to approve the agenda for July 28, 2020 as posted if there were no changes.

Mr. Lavrich entered a motion to approve the agenda for today's meeting as posted. Mr. Strawn seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Approval of Minutes from June 26, 2020:

Mr. Lavrich entered a motion to approve the minutes from the June 26, 2020 meeting as posted. Commissioner Compton seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Review and Accept Revised Final Draft Report: Wind-Driven Rain Tests of Building Envelope Systems up to Hurricane Strength Wind-Driven Rain Intensity.

Mr. Madani provided background on the project and reporting phase for the Committee.

Dr. Prevatt, UF and Daniel Smith, PhD, Executive Director of Venrisk Consulting provided a detailed Power Point presentation of the final report for this project.

Review and Accept Revised Final Draft Report: Wind-Driven Rain Tests of Building Envelope Systems up to Hurricane Strength Wind-Driven Rain Intensity. (cont.):

Committee Comments/Questions:

Mr. Strawn expressed concerns regarding the ability to allow for public comments from the research advisory group.

Commissioner Schock stated he would like to have this referred back to the HRAC from the Commission as part of the motion for review and further evaluation after acceptance of the report.

Mr. Belcher placed emphasis on consumers and the cost that would be passed on to the consumer. Additionally, he had concerns on the limited input allowed in their group meetings.

Mr. Gascon noted specific information that needed to be verified on page 20 item 9.

Mr. Mikkelson stated concern that while it's been stated that accepting the reporting does not mean that it's accepting all the conclusions and findings in the report, but he feels it is implied and would like the HRAC to hear the comments from the Advisory Group.

Mr. Stafford stated he agreed with Commissioner Schock about the additional language of the motion to send this to the HRAC for further evaluation and recommendations.

Mr. Strawn expressed concerns over the little amount of time that the group has had to review the report before voting to accept.

Public Comment:

Matt Waldren (Pella Corporation) stated that he was a member of the UF study group and was disappointed by the last-minute scope change. He cited 2 points of evidence from the current report and 1 point of evidence from a past report that do not support the scope change.

Mr. Silvers stated the findings show nothing on the flashing and expressed his concerns. In addition, he stated that the roofing contractors are not represented in the research advisory group.

Review and Accept Revised Final Draft Report: Wind-Driven Rain Tests of Building Envelope Systems up to Hurricane Strength Wind-Driven Rain Intensity. (cont.):

Public Comment (cont.):

Mr. Fevold (Marvin) stated he was a member of the advisory group and was concerned with several statements in the report and the process.

- 1) Manufactures, including Marvin have plants in Florida and are fully aware of the hurricane testing requirements for fenestration.
- 2) Advisory group's lack of time to review the final published report that changed considerably including adding in a good, better, best illustrative chart without advisory group input.
- 3) The changing of the project scope without approval. Mr. Fevold also agreed with Steve Strawn and Matt Waldren's comments.

Mr. Seals spoke on the background of these discussions back in 2018 when it was brought before the Structural TAC, and stated this does not appear to answer the issues that have been discussed, as there is still no root cause analysis.

Mr. Galloway (YKK AP) commented that investigating buildings that did not leak was in the project scope and still needs to occur.

Ms. Bowen stated she does not stand behind this report and requested that it not be approved, with an explanation of her statement.

Mr. Hayden (Pella Corporation) requested clarification as to what it actually means if the two committees 'accept' the report.

Mr. Madani addressed the public comments and advised that the group is not supporting the findings, they are voting on acceptance of the report only.

Mr. Orłowski (WDMA) provided information on two deliverables that were supposed to be addressed by the research project (feasibility study and mock-up testing) that were not completed.

Ms. Hatfield stated she is requesting that the report be referred to the HRAC and for their industry to be allowed to provide comments in the form of a minority report that would be added to the research report.

Motion:

Commissioner Schock entered a motion to accept the revised final draft report for "Wind-Driven Rain Tests of Building Envelope Systems up to Hurricane Strength Wind-Driven Rain Intensity"

Review and Accept Revised Final Draft Report: Wind-Driven Rain Tests of Building Envelope Systems up to Hurricane Strength Wind-Driven Rain Intensity. (cont.):

Motion (cont.):

and recommend that the Commission refer the report back to the HRAC for further evaluation and to determine the next steps. Mr. Lavrich seconded the motion. The motion passed with a vote of 9 members in favor to 1 opposed.

To Review and Accept the Revised Final Draft Report: Phase II: Experimental Evaluation of Pressure Equalization Factors and Wind Resistance of Vinyl Siding Systems Using a Multi-Chamber Pressure Test Bed.

Mr. Madani provided background on the project and reporting phase for the Committee.

Dr. Prevatt, UF, Oscar Lafontaine, UF Graduate Research Assistant, and Dr. Roueche, University of Auburn, provided a detailed Power Point presentation of the final report for this project.

Committee Comments/Questions:

Mr. Gascon requested clarification on the pressure equalization numbers.

Dr. Prevatt provided the information requested.

Public Comment: None

Motion:

Mr. Gascon entered a motion to accept the revised final draft report: Phase II: Experimental Evaluation of Pressure Equalization Factors and Wind Resistance of Vinyl Siding Systems Using a Multi-Chamber Pressure Test Bed. Mr. Strawn seconded the motion. The motion passed unanimously with a vote of 10 to 0.

Final Roll Call:

Mr. Blair performed a final roll call with all 10 members remaining on the line.

Adjournment:

Chairman Schock thanked everyone for their participation and adjourned the Structural TAC meeting at 11:13 a.m.