At the conclusion of the Code Administration TAC

Minutes

ROOFING TAC PRESENT:

Brian Swope, Chairman
Bob Boyer
Jimmy Buckner
Tyler Allwood for George Ebersold
Richard Goff
Charlie Kennedy for Burt Logan
Gaspar Rodriguez
William Schultz
Lorraine Ross
Karen Warseck
Mark Zehnal

ROOFING TAC NOT PRESENT

STAFF PRESENT:

Mo Madani
Thomas Campbell
Justin Vogel
Chris Howell
Marlita Peters
Jim Hammers
Norman Bellamy

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from the FCRC Consensus Center at Florida State University. Information at: http://consensus.fsu.edu/
Mr. Blair welcomed everyone to the meeting of the Roofing TAC.

**Roll Call:**

Mr. Blair performed roll call for the Roofing TAC. A quorum was determined with 11 members present.

**Agenda Approval:**

Commissioner Boyer entered a motion to approve the agenda for today’s meeting as posted. Commissioner Goff seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**Approval of Minutes from July 25, 2018:**

Commissioner Boyer entered a motion to approve the minutes from July 25, 2018 as posted. Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0.

**To accept public input and to provide recommendations on the proposed code changes for the update to the 7th Edition (2020) Florida Building code and local technical amendments, as applicable:**

Mr. Blair provided a brief overview of the Code review process for this meeting. Mr. Blair provided the voting process and the standing motion to be used on each modification.

**Standing Motion:**

Move to recommend approval of the proposed modifications by the Technical Advisory Committee (TAC) based on the following findings [Section 553.73 (9)(a) and (9)(b), F.S.]:

A. The modification is needed in order to accommodate the specific needs of this state; and

B. The modification has a reasonable and substantial connection to the health, safety, and welfare of the general public; and
Standing Motion (cont.):

C. The modification strengthens or improves the Florida Building Code, or in the case of innovation or new technology, will provide equivalent or better products or methods or systems of construction; and

D. The modification does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities; and

E. The modification does not degrade the effectiveness of the Florida Building Code; and

F. The modification has the following fiscal impact:

1. The fiscal impact of enforcement imposed upon local government is as indicated by the proponent.

2. The fiscal impact of compliance imposed upon building and property owners is as indicated by the proponent.

3. The fiscal impact of compliance imposed upon industry is as indicated by the proponent.

4. The fiscal impact of compliance imposed upon small business is as indicated by the proponent (no impact or as specified by the proponent).

G. The modification’s benefits noted with regard to fiscal impact and efficacy outweigh the costs imposed.

H. The modification does not diminish requirements related to wind resistance or prevention of water intrusion contained in the Code or its referenced standards and criteria.

Commissioner Boyer entered a motion to accept the standing motion. Mr. Rodriguez seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Mr. Madani provided an overview of the tracking and code charts for the TAC members and the process being used for Code modifications.
Ann Russo, BOAF and Joe Crum provided detail on the modification.

**In Favor:**
Building Officials and FRSA

Commissioner Boyer seconded the motion and subsequently withdrew second.

Standing motion, no second – NAR.

Joe Crum, BOAF provided detail on the modification.

**In Favor:**
Building Officials, Mike Fischer and AAMA

Commissioner Boyer seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

**15-Roof Assemblies and Rooftop Structures**

John Hall, Miami-Dade provided detail on the modification.

**In Favor:**
Building Officials

**Opposed:**
Mike Silvers, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Michael Goolsby, Miami-Dade provided detail on the modification.

**In Favor:**
Building Officials and Commissioner Schock

**Opposed:**
Mike Silvers, FRSA

Mr. Zehnal seconded the motion. The motion failed with a vote of 7 in favor and 4 against, NAR.

Michael Goolsby, Miami-Dade provided detail on the modification.

**In Favor:**
Building Officials and roofers present

Ms. Warseck seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Michael Goolsby, Miami-Dade provided detail on the modification.

**In Favor:**
Building Officials

**Opposed:**
Many Oyola

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Mike Silvers, FRSA provided detail on the modification.

**In Favor:**
Building Officials and Rick Olson

Ms. Warseck seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

Gaspar Rodriguez provided detail on the modification.

**In Favor:**
Building Officials

**Opposed:**
Mike Silvers

Mr. Zehnal seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

Gaspar Rodriguez provided detail on the modification.

**In Favor:**
Building Officials and industry representatives

Mr. Buckner seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Mike Silvers, FRSA provided detail on the modification.

**In Favor:**
Building Officials and industry representatives

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Joe Crum, BOAF provided detail on the modification.

**In Favor:**
Building Officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Eric Stafford, IBHS provided detail on the modification.

**In Favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Gaspar Rodriguez provided detail on the modification.

**In Favor:**
Building Officials, FRSA and Sal Defino

Mr. Buckner seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Gaspar Rodriguez provided detail on the modification.

**In Favor:**
Building Officials and FRSA

Commissioner Goff seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
7580

Mike Silvers, FRSA provided detail on the modification.

**In Favor:**
Roofing industry representatives

Mr. Kennedy seconded the motion. The motion passed with a vote of 9 to 2 as submitted.

7600

Deborah Lawson, FRDA provided detail on the modification.

**In favor:**
Dana Dodge, John Hall, Building Officials and Mike Silvers, FRSA, Joe Belcher, FHBA, MFA

Standing motion, no second – NAR.

7696

A motion was entered by Ms. Warseck and seconded by Commissioner Boyer to table and defer hearing until after modifications 8061 and 8063 are heard. The motion passed unanimously 11 to 0.

7703

Jon Roberts proponent not present, Bryan Holland provided detail on the modification.

Ms. Ross seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

7830

Mike Silvers, FRSA provided detail on the modification.

**In favor:**
Rick Olson and Wade Sheppard

**Opposed:**
Eric Stafford, Commissioner Schock, Mike Goolsby, Jennifer Gupil

Mr. Allwood seconded the motion. The motion failed with a vote of 6 in favor and 5 against, NAR.
Jon Roberts proponent was not present, Bryan Holland provided detail on the modification.

Ms. Warseck seconded the motion. The motion passed with a vote of 9 in favor and 2 against as submitted.

Andy Williams proponent was not present.

Ms. Ross seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

In favor:
Eric Stafford, Mike Fischer, Mike Silvers, Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Greg Keeler, Owens Corning provided detail on the modification.

In favor:
Eric Stafford, Mike Fischer, Mike Silvers, Building Officials, FRSA

Mr. Kennedy seconded the motion and subsequently withdrew the second. Standing motion, no second – NAR.
7696 pulled from the table:

Mr. Zehnal entered a motion to pull 7696 from the table. Ms. Warseck seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Eric Stafford, IBHS provided detail on the modification.

In favor:
Commissioner Schock, Mike Fischer, FHBA, Building Officials

Opposed:
Tim Grabowski and Mike Silvers, FRSA

8080

Eric Stafford, IBHS provided detail on the modification.

In favor:
Building Officials

Opposed:
Mike Silvers, FRSA

Mr. Kennedy seconded the motion. The motion failed with a vote of 2 in favor and 9 against, NAR.

8158

Ann Russo, BOAF and Peter Valenti provided detail on the modification.

In favor:
Building Officials

Opposed:
Rick Olson

Mr. Kennedy seconded the motion. The motion failed with a vote of 0 in favor and 11 against, NAR.
Ann Russo, BOAF and Peter Valenti provided detail on the modification.

**Opposed:**
Mike Silver, FRSA

Mr. Kennedy seconded the motion. The motion failed with a vote of 0 in favor and 11 against, NAR

Ann Russo, BOAF withdrawn as duplicate

Paul Coats, AWC provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

**In favor:**
Building Officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

**In favor:**
Building Officials, FRSA

**Opposed:**
Rick Olson and Mike Goolsby

Mr. Kennedy seconded the motion. The motion failed with a vote of 1 in favor and 10 against, NAR.

Mike Fischer, ARMA provided detail on the modification.

**In favor:**
Building Officials, FRSA

Commissioner Swope seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Mike Fischer, ARMA provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

**Lunch Break 1 hour 12:00 noon – 1:00 p.m.**

**31- Special Construction**

7365

Bryan Holland, NEMA provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

**35-Referenced Standards**

7366

Mike Silvers, FRSA provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7843

Gaspar Rodriguez provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

**SubCode: existing Building**

**2-Definitions**

Mike Silvers, FRSA provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Gaspar Rodriguez provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
7314

Mike Silvers, FRSA provided detail on the modification.

**In favor:**
Building Officials, FRSA

Mr. Allwood seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

7525

Mike Silvers, FRSA provided detail on the modification.

**In favor:**
Building Officials, FRSA

Commissioner Swope seconded the motion. The motion failed with a vote of 3 in favor and 8 against, NAR.

7581

Mike Silvers, FRSA provided detail on the modification.

Mr. Rodriguez seconded the motion and subsequently withdrew the second. Standing motion, no second – NAR.

7960

Gaspar Rodriguez provided detail on the modification.

**In favor:**
Building Officials, Eric Stafford, FRSA

Commissioner Swope seconded the motion. The motion passed with a vote of 9 to 2 as submitted.

8083

Harold Barrineau, BOAF and Joe Crum provided detail on the modification.

Standing motion, no second – NAR.
Ann Russo, BOAF and Peter Valenti provided detail on the modification.

Ms. Ross seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

John Hall provided detail on the modification.

Mr. Rodriguez seconded the motion. The motion failed with a vote of 1 in favor and 10 against, NAR.

Ann Russo, BOAF and Peter Valenti provided detail on the modification.

Standing motion, no second – NAR.

Bryan Holland, NEMA provided detail on the modification.

Ms. Ross seconded the motion. The motion passed with a vote of 8 to 3 as submitted.

Bryan Holland, NEMA provided detail on the modification.

Ms. Ross seconded the motion. The motion passed with a vote of 9 to 2 as submitted.

Mike Silvers, FRSA provided detail on the modification.

Mr. Allwood seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Eric Stafford, IBHS provided detail on the modification.

Commissioner Boyer seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Mike Silvers, FRSA provided detail on the modification.

Mr. Kennedy seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

Greg Keeler, Owens Corning provided detail on the modification.

In Favor:
IBHS

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Eric Stafford, IBHS provided detail on the modification.

In favor:
Commissioner Schock, FHBA, FRSA

Opposed:
Rick Olson, and Tim Grabowski

Mr. Kennedy seconded the motion. The motion failed with a vote of 7 in favor and 4 opposed, NAR.
Ann Russo, BOAF and Joe Crum provided detail on the modification.

**In favor:**
Building Officials, Roofers and Commissioner Schock

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Scott McAdam, BOAF and Joe Crum provided detail on the modification.

**In favor:**
Building Officials and Commissioner Schock

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Scott McAdam, BOAF and Joe Crum provided detail on the modification.

**In favor:**
Building Officials and Commissioner Schock

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Jon Roberts proponent was not present, Bryan Holland provided detail on the modification.

Mr. Ross seconded the motion. The motion passed with a vote of 10 in favor and 1 against as submitted.
Andy Williams provided detail on the modification.

Ms. Ross seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Greg Keeler, Owens Corning provided detail on the modification.

**In favor:**
Building Officials and Roofers

Mr. Zehnal seconded the motion and subsequently withdrew the second. Standing motion, no second – NAR.

Greg Keeler, Owens Corning provided detail on the modification.

Standing motion, no second – NAR.

Eric Stafford, IBHS provided detail on the modification.

**In favor:**
Commissioner Schock

**Opposed:**
Mike Silvers

Standing motion, no second – NAR.

Ann Russo, BOAF and Peter Valenti provided detail on the modification.

Ms. Ross seconded the motion. The motion failed with a vote of 0 to 11, NAR.
Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

**In favor:**
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

**In favor:**
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Mike Fischer, ARMA provided detail on the modification.

**In favor:**
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

**3321-Solar-Ready Provisions-Detached-One and Two-family Dwellings (Townhouses)**

Richard Schauland proponent was not present.

Standing motion, no second – NAR.
2712-Reference Standards

7367
Mike Silvers, FRSA provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7808
Scott McAdam, BOAF and Peter Valenti provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8302
Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8305
Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
10-minute break to return 2:45 p.m.

SubCode: Test Protocols
1-111

7191

Mike Goolsby, Miami-Dade provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7221

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

Mr. Zehnal seconded the motion and subsequently withdrew the second. Standing motion, no second – NAR.

7349

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-117

7297

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

In favor:
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Mike Goolsby provided detail on the modification.

In favor:
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

In favor:
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Mike Goolsby provided detail on the modification.

**In favor:**
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

**In favor:**
Roofers and building officials

Mr. Kennedy seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Mike Goolsby provided detail on the modification.

**In favor:**
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

**In favor:**
FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8283

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

**In favor:**
FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-105

7184

Mike Goolsby provided detail on the modification.

**In favor:**
Roofers and building officials

Mr. Buckner seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-107

8284

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.
Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent not present, Mike Fischer withdrew as duplicate.
Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed with a vote of 8 to 3 as submitted.

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Commissioner Goff seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Chadwick Collins proponent not present, Mike Fischer withdrew as duplicate.

Local Amendment:

Pinellas County CLB – Building Chapter 15 (1510.10) NAR

Adjourn:

Chairman Swope thanked everyone for their participation and adjourned the meeting at 3:14 p.m.