



ICC 500 Storm Shelter Committee (IS-STM) Standard for the Design and Construction of Storm Shelters

Minutes – Meeting 14
Friday, 09/22/2023
2-5 Eastern

Chair: Marc Levitan

Vice-chair: Scott Tezak

Secretariat: Kimberly Paarlberg; kpaarlberg@iccsafe; 888-422-7233, Ext. 4306

A. Welcome and Introduction

1) Call to Order: 2 Eastern

2) Attendance:

Staff:

Kimberly Paarlberg

~~Karl Aittaniemi~~

Quinton Owen

Committee members:

~~Brian Bishop~~

Gary Ehrlich

Ben Harris

Rick Hautekeete

Andy Holstein

John Hutton

Marc Levitan (Chair)

~~Andie Lorenz~~

Corey Schultz

~~Pataya Scott~~

David Stammen

Stephen Szoke

Scott Tezak (Vice-Chair)

Anthony Warren

Borjen Yeh

Interested Parties:

Larry Curtis, KFC Engineering

Daniel Dain

Trevor Errington – Clopay

Bob Franke

Allen Grammer

Scott Holm

Brian Metzger, USFA

Jessica Miller

Dave Mix – Insulgard Security Products

Michael Nicasio – UL Solutions

Glenn Overcash, AECOM on behalf of FEMA
Steve Skalko
Shauna Schutlz
Mike Steele – Greenheck Fan Corp
Shoaib Yosoufzai

3) Approval of Agenda/Minutes – Approved

B. 2023 ICC 500 Development

- 1) Work Groups –
Work Group 1 – Sept. 29 1-3 Eastern
Work Group 3 – - Sept. 18 1-2:30 Eastern
Work Group 4 – none
Work Group 5 – Sept. 28, 4-5 Eastern
Work Group 6- none
Work Group 7 – Sept. 26, 3-5 Eastern
Work Group 8 – Sept. 18, 10-12 Eastern, Sept. 25, 10-12 Eastern,
Appendix Work Group –
- 2) ICC 500 development information is on the [ICC 500 webpage](#)
- 3) Public meetings
Ongoing teleconference – Sept. 22, Oct. 3, Oct. 10 and Oct. 24, 2023
Presentation on tornado load and flood supplement posted on the [ICC 500 webpage](#)

C. . Committee Action on Public Input Agenda –

The proposed draft and committee action report are out for committee ballot and public comment. Deadline was **Monday, August 21, 2023**. Information was emailed, but is also available on the [ICC 500 webpage](#). The modification form can be found [here](#).

CHAPTER 8 TEST METHODS FOR IMPACT AND PRESSURE TESTING

IS-STM 08-03-23 Public Comment 1 – AFM 11-0
IS-STM 08-03-23 Public Comment 2 – AFM 11-0
IS-STM 08-05-23 Ballot Comment 1 – AFM 11-0
IS-STM 08-05-23 Public Comment 2 – AFM 11-0
IS-STM 08-13-23 Ballot Comment 1 – D 10-1-1
IS-STM 08-13-23 Public Comment 2 – AFM 12-0
IS-STM 08-16-23 Ballot Comment 1 – AFM 12-0
IS-STM 08-17-23 Ballot Comment 1 – Withdrawn

CHAPTER 3 STRUCTURAL DESIGN AND TESTING CRITERIA

IS-STM 03-02-23 Ballot Comment 1 – No action – 12-0
IS-STM 03-02-23 Ballot Comment 2 – AFM 12-0
IS-STM 03-02-23 Ballot Comment 3 – AFM 12-0
IS-STM 03-02-23 Ballot Comment 4 – AFM 12-0
IS-STM 03-02-23 Public Comment 5 –
Errata to proposal to remove 'tornado' in Item 5. Send back to work group 3.
IS-STM 03-02-23 Public Comment 6 - D 11-0
IS-STM 03-08-23 Ballot Comment 1 – Send back to Work Group 3

Suggestion discussed during the meeting.

Replace the BC1 and revise as follows:

306.4.1.4 Door clearances. ~~Floor clearance for door~~ Door assemblies in the storm shelter envelope shall be limited to a 3/4-inch (19.1 mm) maximum undercut measured from the bottom of the frame to the bottom of the door.~~top of the threshold or finished floor.~~ (See example in Figure 306.4.1.4).

The joint clearance gap at the meeting edge of a pair of side-swinging doors in the storm shelter envelope shall be 3/16-inch (4.8 mm) maximum.

Figure 306.4.1.1
Door clearance-undercut

Move to next meeting -

IS-STM 03-11-23 Ballot Comment 1

IS-STM 03-11-23 Public Comment 2

D. Other Business –

NSSA Conference – Nov. 13-15, 2023

<https://www.nssa.cc/#/>

E. Next Conference Call: ICC 500 Development Committees for 2023

Sept. 22, Oct. 3, Oct. 10 and Oct. 24, 2023

F. Adjourn: 5:10 p.m.