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**Madani, Mo**

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**From:** Scott McAdam <smcadam@ircgov.com>  
**Sent:** Tuesday, August 06, 2019 3:23 PM  
**To:** Madani, Mo  
**Cc:** 'G Michael Starks'  
**Subject:** Pulled from consent S7833  
**Attachments:** Revised.S7833.docx

Mo,  
I sent a previous email asking to pull S7833 from the consent agenda.  
I also indicated that Mike Starks and I were going to work together on this Mod and provide you the attached additional info asap.  
If you recall at the July TAC meeting when this Mod was heard Mike spoke and indicated he agreed with the Mod but that it did not address all that was needed and that he would bring additional info forward later. The Commission meeting will be that time to present the attached additional info. The Mod was NAR'd again and that is why we would like to pull to discuss.  
This is a good example of the Industry and Building Officials working together to better the code.

Please contact me if you have any questions.  
Thank you

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## S7833

Pulled from consent agenda by G. Michael Starks, In-spex and Scott McAdam, Indian River County

**R703.7 Exterior plaster.** Installation of these materials shall be in compliance with ASTM C926, ASTM C1063 or C1787 and the provisions of this code.

**R703.7.1 Lath.** Lath and lath attachments shall be of corrosion-resistant materials. Expanded metal or woven wire lath shall be attached with 1 1/2- 1 1/2 inch-long (38 mm), 11 gage nails having a 7/16-inch (11.1 mm) head, or 7/8 1-1/2-inch long (22.2 mm), 16 gage staples, spaced ~~not more than 6 inches (152 mm)~~ in accordance with ASTM C1063 or C1788, or as otherwise approved.

### Rationale:

A. C1063 is specifically for metal lath. However, there is a standard for Non-Metallic Lath, C1787; which has FBC approval and is recognized and referenced in C926. The proposal clarifies already approved products and methods.

B. 7/8-inch staples are approved for open-framed construction only; which we do not have in Florida where framed walls are sheathed. To achieve the required penetration 3/4-inch into framing members, a staple would need to be 1-1/2 inch to accommodate 1/2 sheathing. Sheathing is not a framing member as defined in C1063 and referenced in C1787. The change clarifies the requirement and eliminates confusion.

C1063. 3.2.4 *framing member, n*—studs, joist, runners (track), bridging, bracing, and related accessories manufactured or supplied in wood or light gauge steel.

C. C1063 requires lath fasteners at, “not more than 7 inches on center, along framing members...” However, there are other requirements for different types of lath. As such, it would be better to direct the user to the appropriate referenced ASTM standard which includes all the requirements for each specific condition rather than to have one requirement that does not address all installations.

**R703.7.2 Plaster.** Plastering with ~~portland~~ cement plaster shall be not less than three coats where applied over ~~metal~~ any type of code-approved lath or wire lath and shall be not less than two coats where directly applied over masonry, concrete, clay brick, stone or tile, ~~pressure-preservative-treated wood or decay resistant wood as specified in Section R317.1 or gypsum backing~~. If the plaster surface is completely covered by veneer or other facing material or is completely concealed, plaster application need be only two coats, provided the total thickness is as set forth in Table R702.1(1). On wood-frame construction with an on-grade floor slab system, exterior plaster shall be applied to cover, but not extend below, lath, paper and screed. Cement plaster shall be in accordance with ASTM C926. Cement materials shall be in accordance with one of the following:

1. Masonry cement conforming to ASTM C91 Type M, S or N.
2. Portland cement conforming to ASTM C150 Type I, II or III.
3. Blended hydraulic cement conforming to ASTM C595 Type IP, IS(S<70), IL or IT(S<70).
4. Hydraulic cement conforming to ASTM C1157 Type GU, HE, MS, HS or MH.
5. Plaster (stucco) cement conforming to ASTM C1328.

On wood-frame construction with an on-grade floor system, exterior plaster shall be applied to cover, but not extend below, lath, paper and screed.

The proportion of aggregate to cementitious material shall be as set in Table R702.1(3).

Rationale:

A. ASTM C926 and the FBC allow for several types of lath to which plaster may be applied, all of which have their own manufacturing standards and are referenced in C926:

- a. C847 – Expanded metal lath
- b. C933 – Woven wire lath
- c. C1032 – Welded wire lath
- d. C1788 – No-metallic lath

B. Replacing the term, “metal,” with the proposed language, simply makes the section inclusive to all lath types currently approved by the code.

C926 requires only two coats where direct-applied to a specific list of solid bases: cast-in-place or precast concrete, concrete and stone masonry, clay brick, and tile. All other bases require lath whether interior or exterior. Portland-cement plaster may not be directly applied to wood, gypsum or foam plastic backings without lath. Where lath is used for exterior plastering (as Section 703 relates), 3 coats is the minimum application process.

C926. 7.3.7 Two-coat work shall be used only over solid bases meeting the requirements of 6.2. The combined total nominal thickness shall be as shown in Table 4. A dash-bond coat shall not replace one of the specified number of coats.

**Use corrected (simple editorial changes) Table R702.1(3) as included with the original proposed Modification S7833, with one additional editorial change. In column 3 top row the “I(S<70)” is missing an “S” should be “IS(S<70)”.**

I could not reproduce the Table in the same format.