



Ryan Schultz <theoryshaw@gmail.com>

RE: Table 601 - 2009 IBC

1 message

Steve Ikkanda <sikkanda@iccsafe.org>

Wed, Sep 23, 2015 at 3:38 PM

To: "ryan@openingdesign.com" <ryan@openingdesign.com>

Cc: Renee Testroet <rtestroet@iccsafe.org>

Ryan,

September 23, 2015

Subject: Sections 603.1, 803.11.1, 803.11.2, and Table 601 - 2009 IBC

Q: We have fully sprinklered, Construction Type IIB, Group A-3 occupancy facility. We have a non-bearing exterior wall assembly with metal panels attached to horizontal metal girts and, per Table 601, it is not required to be rated. If we satisfy Section 603.1 Item 7, Interior wall and ceiling finishes installed in accordance with Sections 801 and 803 and subsequently satisfy Sections 803.11.1 and 803.11.2, then the plywood, as illustrated in the detail, that is exposed to the interior can have the following flame spreads....

Exit enclosures and exit passageways = B

Corridors = B

Rooms and enclosed spaces = C

The plywood is not integral to the structural capacity of the wall. It is simply hung/attached to the horizontal metal girts. Would this be a correct assumption? The assumption is that it meets the requirements of Section 603.1.

A: Section 602.2 requires building elements of a Type IIB building to be noncombustible material, except as permitted by Section 603. Item 7 of Section 603.1 allows combustible interior wall and ceiling finishes provided it is installed in accordance with Sections 801 and 803. Table 803.9 requires the interior wall finish for a NFPA 13 sprinklered, Group A-3 occupancy building to be tested in accordance with ASTM E 84 or UL 723 and have the following classes in accordance with their flame spread and smoke-developed indexes:

Exit enclosures and exit passageways = Class C, if less than 3 stories above grade plane and Class B, if 3 story or greater.

Corridors = Class B

Rooms and enclosed spaces = Class C.

And if the wall is required to be fire-resistance rated, then the interior finish shall comply with Section 803.11.

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From: Renee Testroet
Sent: Wednesday, September 23, 2015 9:46 AM
To: ryan@openingdesign.com
Cc: Steve Ikkanda
Subject: Table 601 - 2009 IBC

Ryan,

I have forwarded your code opinion request to Steve Ikkanda.

Please let me know if you have any questions.

Renee Testroet
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