

Madani, Mo

From: Belcher, Joe <Joe@jdbcodeservices.com>
Sent: Tuesday, March 26, 2024 3:44 PM
To: Madani, Mo
Subject: Glitch FBC-R 704,3 and FBC-B 1410.7
Attachments: Public Comment R704.3 and 1410.7.docx

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Mr. Madani,
Please consider the attached Public Comment to FBC-R R704.3; the same changes should be applied to the FBC-B 1Section1410.7.

Thank you,

Joe Belcher

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R704.3 Aluminum fascia. Aluminum fascia shall have a minimum thickness of 0.019 inches and be installed in accordance with the manufacturer's instructions and this code. Fasteners shall be aluminum or stainless steel. Aluminum fascia shall be attached in accordance with Section R704.3.1, R704.3.2 or R704.3.3. The drip edge shall comply with R905.2.8.5, and the thickness of the drip edge shall be in accordance with Table R903.2.1.

R704.3.1 Fascia installation where the design wind pressure is 30 psf or less. Where the design wind pressure is 30 pounds per square foot (1.44 kPA) or less, aluminum fascia shall be attached as follows:

1. Finish nails shall be provided in the return leg ($1\frac{1}{4}'' \times 0.057'' \times 0.177''$ head diameter) spaced a maximum of 24 inches (610 mm) on center, and
2. The fascia shall be inserted under the drip edge with not less than half the height of the drip edge or 1.0 inch (25 mm), whichever is greater, of the fascia material covered by the drip edge. One finish nail shall be centered in the face of the fascia from each end of the fascia material section located no more than 1 inch below the drip edge.

R704.3.2 Fascia installation where the design wind pressure exceeds 30 psf but is 60 psf or less. Where the design wind pressure is 60 pounds per square foot (2.88 kPA) or less, aluminum fascia shall be attached in accordance with Section R704.3.2.1 or Section R704.3.2.2.

R704.3.2.1. Where the height of the fascia from the top of the roof sheathing to the bottom of the subfascia plus any thickness of soffit material below the subfascia is less than or equal to 6.5 inches (165 mm) or less, aluminum fascia shall be attached as follows:

1. Finish nails shall be provided in the return leg ($1\frac{1}{4}'' \times 0.057'' \times 0.177''$ head diameter) spaced a maximum of 24 inches (610 mm) on center, and
2. The fascia shall be inserted under the drip edge with not less than half the height of the drip edge or 1 inch (25 mm), whichever is greater, of the fascia material covered by the drip edge. One finish nail shall be centered in the face of the fascia from each end of the fascia material section located no more than 1 inch (25 mm) below the drip edge.

R704.3.2.2. Where the height of the fascia from the top of the roof sheathing to the bottom of the sub-fascia plus any thickness of soffit material below the subfascia is greater than 6.5 inches (165 mm), the top edge of the fascia shall be secured using utility trim installed beneath the drip edge with snap locks punched into the fascia spaced no more than 6 inches (152 mm) on center.

R704.3.3 Fascia installation where the design wind

~~pressure exceeds 60 psf. Where the design wind pressure is greater than 60 pounds per square foot (2.88 kPA), aluminum fascia shall be attached as follows in accordance with Section R704.3.3.1 or Section R704.3.3.2.~~

~~**R704.3.3.1.** Where the height of the fascia from the top of the roof sheathing to the bottom of the subfascia plus any thickness of soffit material below the subfascia is less than or equal to 4.5 inches (114 mm) or less, aluminum fascia shall be attached as follows:~~

- ~~1. Finish nails shall be provided in the return leg (1 1/4" x 0.057" x 0.177" head diameter) spaced a maximum of 24 inches (610 mm) on center, and~~
- ~~2. The fascia shall be inserted under the drip edge with not less than half the height of the drip edge or 1.0 inch (25 mm), whichever is greater, of the fascia material covered by the drip edge. One finish nail shall be centered in the face of the fascia from each end of the fascia material section located no more than 1 inch (25 mm) below the drip edge.~~

~~**R704.3.3.2** Where the height of the fascia from the top of the roof sheathing to the bottom of the subfascia plus any thickness of soffit material below the subfascia is greater than 4.5 inches (114 mm), the top edge of the fascia shall be secured using utility trim installed beneath the drip edge with snap locks punched into the fascia spaced no more than 6 inches (152 mm) on center.~~

Proposed alternate language:

R703.1.2.1 Wind resistance of exterior soffits.

Exterior soffits and their attachments shall comply with Section R704.

R704.3 Aluminum Fascia. Aluminum Fascia shall be installed in accordance with the manufacturer's installation instructions and comply with Sections R704.3.1 or R704.3.2.

R704.3.1 Fascia installation where the design wind pressure is 30 psf or less. Where the design wind pressure is 30 pounds per square foot (1.44kPA) or less, aluminum fascia shall be installed using one aluminum nail with a minimum 0.057-inch (1.5mm) shank, 0.177-inch (4.5 mm) head, and 1 1/4-

inch (32 mm) length finish nails, installed no more than 1-inch (25.5 mm) below the drip edge, and one finish nail at the return leg of the fascia within 3" (76 mm) of each end and a maximum spacing between fasteners of 48 inches (1,220 mm), and the fascia shall be inserted under the drip edge with at least 1-inch (26 mm) of fascia material covered by the drip edge.

R704.3.2 Fascia installation where the design wind pressure exceeds 30 psf. Where the design wind pressure is greater than 30 pounds per square foot (1.44kPA), aluminum fascia shall be installed using one aluminum nail with a minimum 0.057-inch (1.5 mm) shank, 0.177-inch (4.5 mm) head, and 1 1/4" (32 mm) length finish nails, installed no more than 1-inch (25.5 mm) below the drip edge, and one finish nail at the return leg of the of the fascia within 3" (76 mm) of each end and a with a maximum spacing between fasteners of 24 inches (610 mm), and the fascia shall be inserted under the drip edge with at least 1-inch (26 mm) of fascia material covered by the drip edge. As an alternative, the top edge of the fascia is permitted to be secured using utility trim installed beneath the drip edge with snap locks punched into the fascia spaced no more than 6 inches on center.

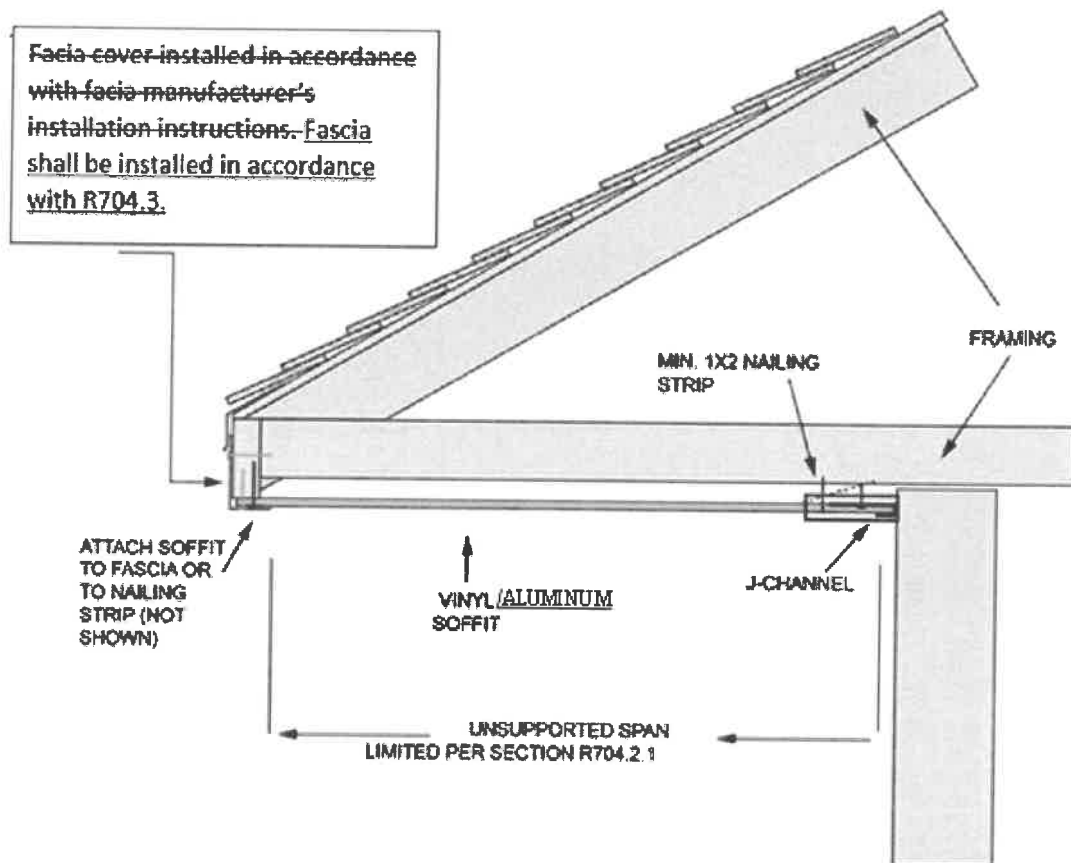


FIGURE 704.2.1(1) TYPICAL SINGLE-SPAN VINYL OR ALUMINUM SOFFIT PANEL SUPPORT

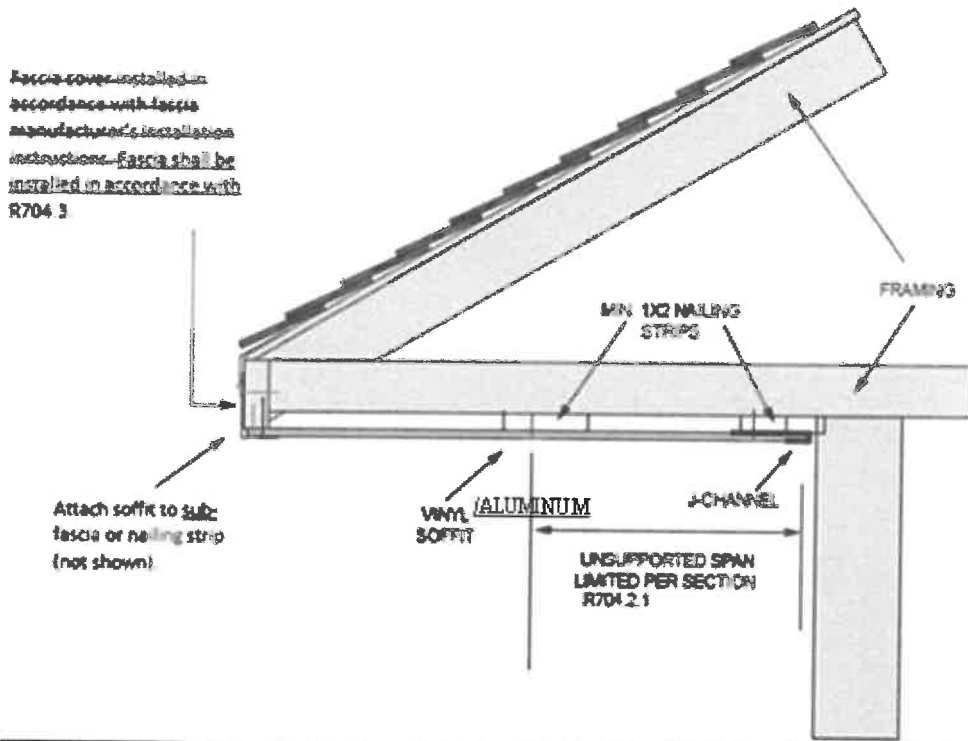


FIGURE 704.2.1(2) TYPICAL DOUBLE-SPAN VINYL OR ALUMINUM SOFFIT PANEL SUPPORT