

ALSCO Aluminum Soffit and Fascia Specifications

MATERIALS

A. Soffit and Fascia shall be made of an ALSCO 3105-type aluminum sheet with a minimum tensile strength of 29,000 psi. Ventilated soffit panels shall be perforated with a series of lanced openings with every other row staggered, providing a uniform pattern. The net free ventilation area (per lineal foot) of ALSCO ventilated aluminum soffit panels are as follows:

Type of Soffit	Net Free Ventilating Area (Sq. In.)
Double 6" (Full Vent)	15.1 Sq. In. N.F.A./Lineal Ft.
Triple 4" (Full Vent)	19.6 Sq. In. N.F.A./Lineal Ft.
Triple 4" (Center Vent)	6.5 Sq. In. N.F.A./Lineal Ft.
Quad 4" (Full Vent)	26.1 Sq. In. N.F.A./Lineal Ft.
Quad 4" (Center Vent)	13.1 Sq. In. N.F.A./Lineal Ft.
Quad 4" Lite (Full Vent)	26.1 Sq. In. N.F.A./Lineal Ft.
Quad 4" Lite (Center Vent)	13.1 Sq. In. N.F.A./Lineal Ft.

B. ALSCO Aluminum Soffit Panels and Fascia Trim are designed for use in residential and light commercial applications.

C. All standard soffit panels shall be a nominal 0.019" in thickness; Valubilt soffit panels shall be a nominal 0.0170" in thickness. Quad 4" Lite soffit panels shall be a nominal 0.0150" in thickness. All wall receiver channels shall be a nominal 0.019" in thickness. All formed fascias shall be a nominal 0.024" in thickness.*

D. All ALSCO Aluminum soffits, fascias and wall receivers shall be a nominal 12 feet in length. All soffit panels have interlocking edges for secure installation. All Double 6" soffit panels shall be a nominal .500" high and Triple 4", Quad 4" and Quad 4" Lite soffit panels shall be a nominal .375" high when installed. Double 6" panels and Triple 4" panels shall have a full 12-inch exposure. Quad 4" and Quad 4" Lite panels shall have a 16-inch exposure.

E. Prior to painting, ALSCO Soffit Panels shall receive a special cleaning process to assure maximum paint/coating adhesion. The ALSCO Aluminum Soffit finish shall be one-coat, of ALSCO's Dymalar® 2000 coating system applied in a two-phase operation that includes a corrosion inhibiting pretreatment and a baked on Dymalar® 2000 topcoat. The topcoat shall have a nominal 0.7 mil film thickness.

F. All accessories used with ALSCO Aluminum Soffit and Fascia shall be ALSCO accessories designed for use with ALSCO materials and shall have the same finish/coating to ensure that the warranty covering the soffit and accessories is applicable to both.

G. Soffit Panels are not designed, recommended, or warranted for vertical siding applications.

CERTIFICATION OF CONFORMANCE

ALSCO Aluminum Soffit, Fascia, and Accessory products shall meet or exceed the following specifications:

A. Architectural Aluminum Manufacturers Association (AAMA) Specifications 1402-86 Standard Specifications for Aluminum Siding, Soffit and Fascia.

B. HUD Minimum Property Standard 4900.1 for One and Two Family Dwellings.

C. HUD Minimum Property Standard 4910.1 for Multi-Family Dwellings.

All ALSCO aluminum soffits have been tested by an independent fire testing laboratory and certified to meet the criteria for a **Class A Fire Rating** under the 2003 International Building Code and NFPA 5000 criteria using the ASTM E 84-06 testing protocol for flame spread and smoke development.

Quad 4" Lite Full Vent Soffit is certified under Florida Product Approval File No. 4459-R2.

*The standard thickness tolerance for products made from aluminum sheet material shall be +0.000", -0.003".

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