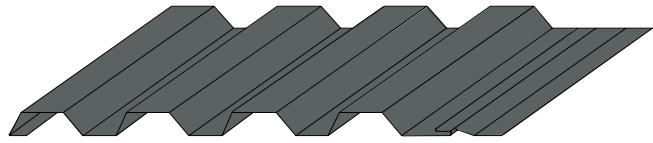
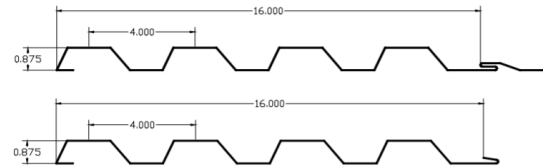


Profiled Aluminum 4HC Technical Data Sheet

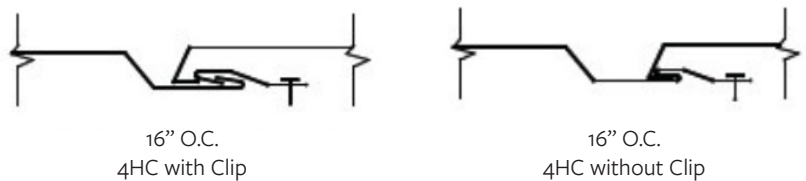


4HC (horizontal concealed)



Panel Dimensions

Coverage Width	16"
Rib Pitch	4"
Profile Depth	7/8"
Thickness	0.040"
Weight	0.70 lb/ft ²



General Information

The design of 4HC profile panels make a cost-effective installation of a continuous, concealed fastening system possible. The two available fastening options allow for greater design flexibility. Contact an Arconic Architectural Products Representative for specific load span requirements and for available product finishes.

Material Specifications

3000 Series Alloy in compliance with the Aluminum Association Composition Specifications and conforming to ASTM B209 is standard.

Product Notes

- Two concealed fastening designs: Clip Leg and Screw Leg system.
- Remove the protective film quickly after installation.
- Panels should be laid flat in a dry, indoor environment during storage.
- Can be utilized in a vertical installation for some applications.
- Minimum recommended roof slope: 2:12.
- Panel Length: Maximum - 20'

Testing

ASTM E283
ASTM E331

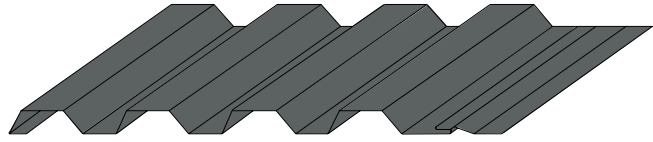
ASTM E330

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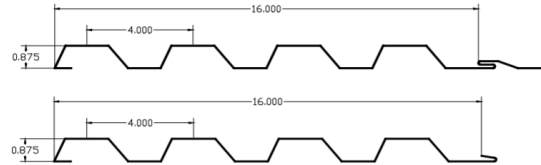
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EC 99603-012



Profiled Aluminum
4HC
Technical
Data Sheet



4HC (horizontal concealed)



Gravity Load Table

Substrate	Span	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"
.040" alum.	3	-	-	-	-	-

Product Installation

Install panels plumb, level and straight so it is watertight and without waves or other distortions, allowing for thermal movement considerations. Apply sealant tape or caulking as necessary at flashing and panel joints to prevent water penetration.

Product Maintenance and Warranty

4HC panels provide a 20 year paint-finish warranty for cracking, chipping, peeling, fading and chalking - providing confidence in a long-lasting application.

To ensure the durability of your panels, use proper care. Remove filings, grease, stains, marks or excess sealants from roof panels system to prevent staining. Store panels and flashing in a safe, dry environment.

Disclaimer:

Laws and building and safety codes governing the design and use of AAP's products, and specifically aluminum composite materials, vary widely. It is the responsibility of the Laws and building and safety codes governing the design and use of AAP's products, and specifically aluminum materials, vary widely. It is the responsibility of the owner, the architect, the general contractor, the installer and the fabricator/transformer, consistent with their roles, to determine the appropriate materials for a project in strict conformity to all applicable national, regional and local building codes and regulations.

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