

# INTRODUCTION

ALZIP Standing Seam is a premium structural roofing system that can be customized to suit special roof shapes and geometry.

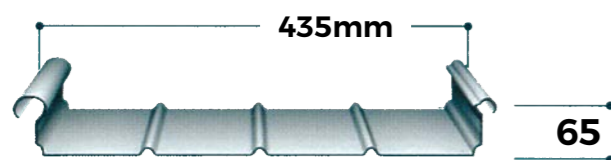
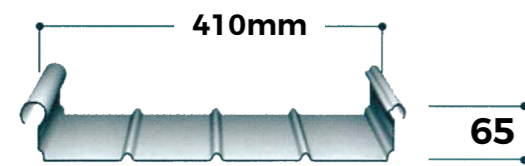
ALZIP Standing Seam has all the advantages of architectural standing seam plus the exceptional spanning characteristic. With 65mm seam height and 3 stiffening beads, ALZIP can span purlin to purlin spacing without the need for full-surface backing.

We recommend the use of Aluminium as the roofing material. Aluminium is lightweight and can last a lifetime. It is environmentally friendly and can be fully recycled with minimal energy consumption.

## CHARACTERISTICS

ALZIP panels are secured to the roof structure by locking the roof sheets to a series of Aluminium halter hidden inside the standing seam. The concealed fixing method ensures that the roofing elements need not be punctured for fastening and therefore provides a perfect seal.

EFFECTIVE WIDTH	410 / 435MM
CONVEX MIN-RADIUS	APPROX. 6M
TAPERED MIN-WIDTH	220M
CONCAVE MIN-RADIUS	APPROX. 12M



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## OUR HISTORY

Dach&Wand was established in 2009 by a team of experienced engineers. The company successfully completed several challenging metal roofing projects. By the year 2019, Dach&Wand has established a name in the premium metal roofing market. In the same year, the company was acquired by Alcom Group Berhad and Alcom Dach&Wand Sdn Bhd was established.



**ALCOM DACH&WAND SDN BHD**  
20190101011573  
No.2, Pusat Perniagaan Bestari,  
Jalan Permata 1B/KSO9,  
Taman Perindustrian Air Hitam,  
42000 Klang, Selangor, Malaysia.

T: +603 3123 1353  
F: +603 3123 1311

enquiry@alcom-dw.com  
www.alcom-dw.com

**alcom**  
**Dach&Wand**  
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# ALZIP

## STANDING SEAM

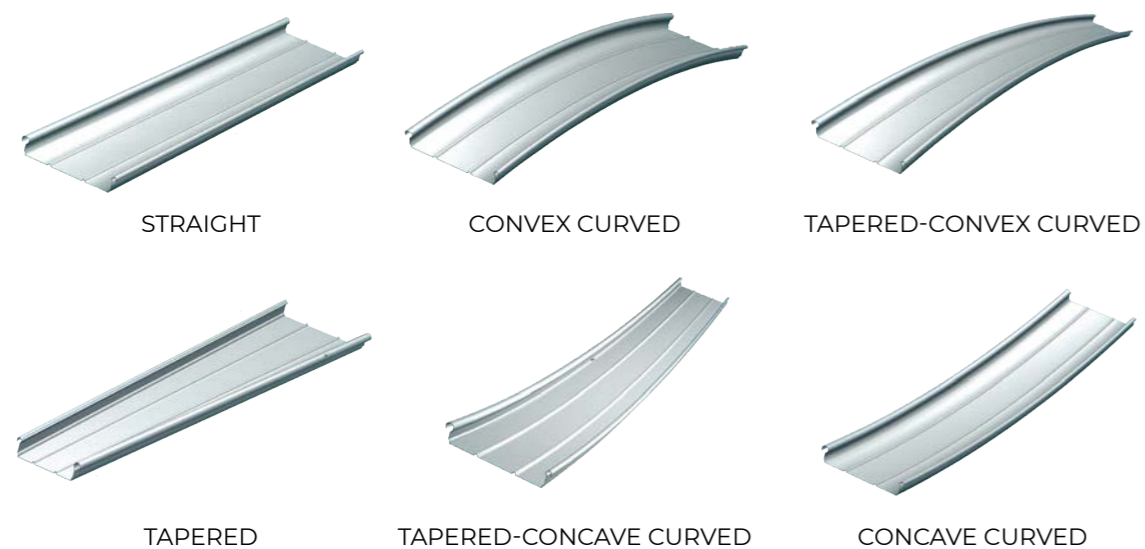
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# 2022





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**Energy-Saving Roof Systems:  
 Acoustic & Thermal Control**

Tropical countries are having hot and humid weather all year long. Air conditioning is becoming a necessity in urban living, and it consumes a lot of energy. The roof can play a major role in conserving energy in a building. By designing a suitable Thermal Transmittance Value (U-value), the roof can help to keep the warmth out. ALZIP Standing Seam comes with various halter heights to accommodate different insulation thicknesses. The halter also has a thermal barrier pad at the base to cut off the thermal bridging effect of the roof system.

**ADVANTAGES**



**Weather-Tight on Extra Low-Pitch Roof**

A fully-zipped, high-standing seam increases the water drainage capability of the roof. Coupled with a specially designed anti-capillary flute in the seam, this roofing system effectively eliminates the possibility of water ingress. for the extra low-pitch roof.



**Speed of Installation**

The easy-to-install system minimizes the installation time. Long continuous sheet without joints also contributes to the speedy installation. It is thus suitable for fast-track projects and manufacturing and commercial complex.



**Extra-Long Length**

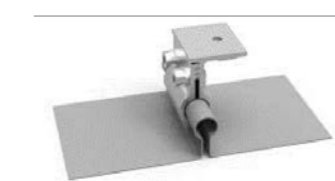
ALZIP panels can be site-roll formed to any length required, thus avoiding any cross-joint. The expansion and contraction of the roofing sheet is catered for by halter which allow the sheet to slide over the halter-head..



**Energy-Saving Roof Systems:  
 - Acoustic and Thermal Control**

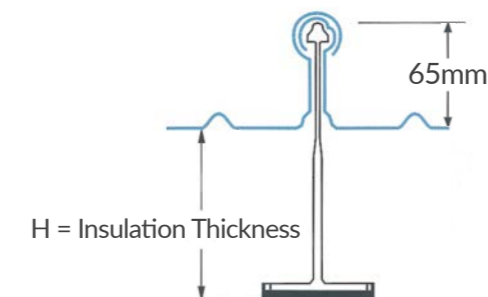
A good roof system not only dampens external heat but also reduces outside noise. ALZIP Standing Seam can be designed to achieve the Sound Transmission Class (STC Value) requirements of the building. Common residential would require STC 30 to 35, while convention or exhibition hall may require STC 45 to 55, depending on the building designers.

**ACCESSORIES**

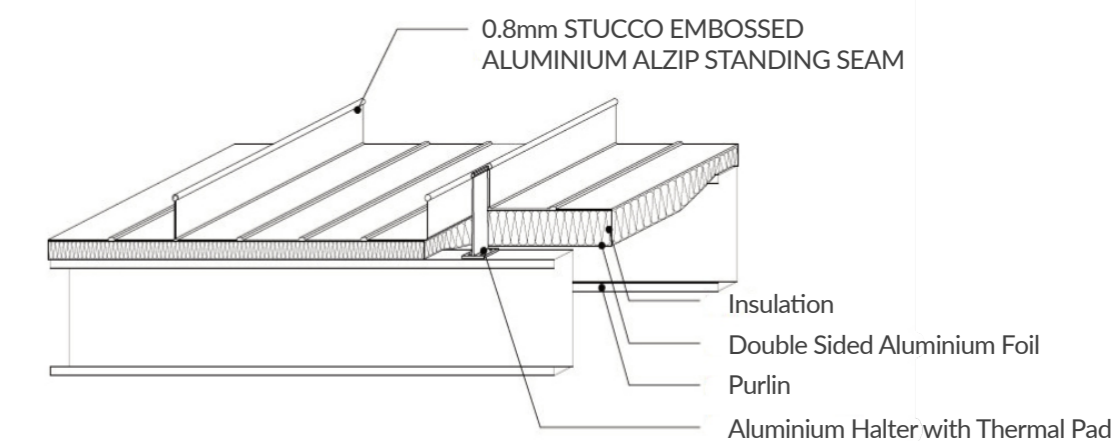


Solar Panel Bracket attached to ALZIP

Various roof attachment accessories can be fixed onto the system without puncturing the roofing sheet, Purposed-design clamps are available for fall-arrest system, lightning protection system, solar panels system and roof access system.



To control the thermal movement and avoid the sheets from slipping downslope, a fixed point is created.



**TECHNICAL DATA**

PROFILE TYPE	ALZIP STRUCTURAL STANDING SEAM
THICKNESS	0.8MM (MINIMUM)
MATERIAL	ALUMINIUM A3105 - H18
LENGTH	NO MAXIMAL LENGTH
SURFACE	STUCCO EMBOSSED, PVDF COATING, PE COATING
SYSTEM FASTENER	ALUMINIUM HALTER WITH THERMAL PAD SELF-DRILLING FASTENER CLASS 3
ROOF PITCH	1.5° (MINIMUM)
WEIGHT PER M2 (INC. SYSTEM FASTENER)	APPROX. 3KG