Introduction to VMZINC

This guide

This installation guide is designed to give contractors information about the use and detailing of VMZINC, clarifying the limits of the material with specific regard to correct detailing. This guide should be read and used in conjunction with other VMZINC documents including:

VMZINC General Technical Recommendations

VMZINC Standing Seam Guidelines for Design & Specification

VMZINC Soldering

VMZ Standing Seam G3 Installation Guide

VMZINC Facades Guidelines for Design & Specification

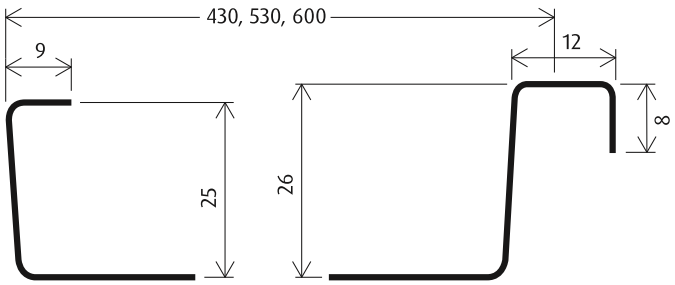
VMZ Rainwater Systems Guidelines for Design & Installation

These documents address substrate requirements, compatibility with other products and material aesthetics as well as many other subjects.

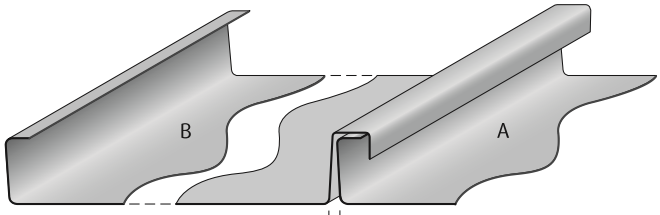
Benefits of the VMZINC systems

- Lightweight and durable
- Minimal expansion and creak
- Fully recyclable
- A design life of 80 years
- Virtually maintenance-free
- Can be installed on pitches from 3°-90°
- Complex shapes can be easily achieved. Zinc panels can be pre-curved to a radius as low as 600mm
- Can be used to cover soffits (box gutter overhangs, etc)
- BRE Green Guide certified
- BBA certified
- Conforms to EN 988
- Can be laid in lengths up to 13 metres without the need for expansion steps
- Fire performance rating 'AA' - BS 476: Part 3 ('low vulnerability' class in Scotland)
- VMZINC has a fire classification of A2-s1, d0 in accordance with EN 13501-1 2002
- Available in a choice of natural finish, 6 pre-weathered finishes, and an engraved finish

Underlying principles of the standing seam system



Panel dimensions (mm)



Before crimping

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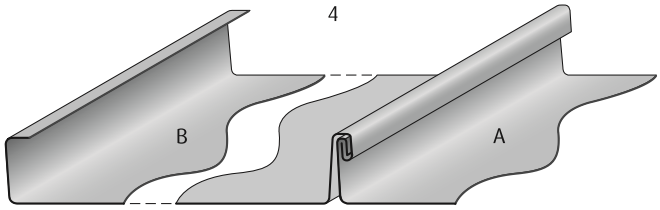
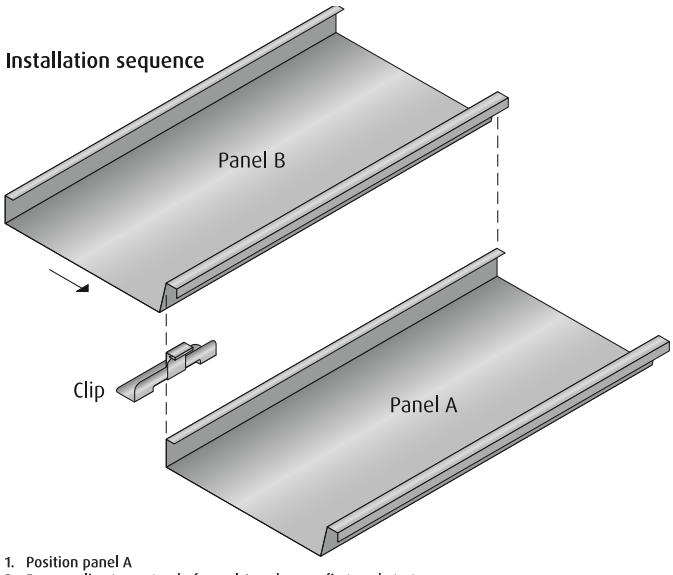


After crimping (double lock standing seam)

Installation sequence



1. Position panel A
2. Engage clips to upstand of panel A and screw fix to substrate
3. Engage edge of panel B over clip
4. Crimp all 3 components together to form double lock standing seam