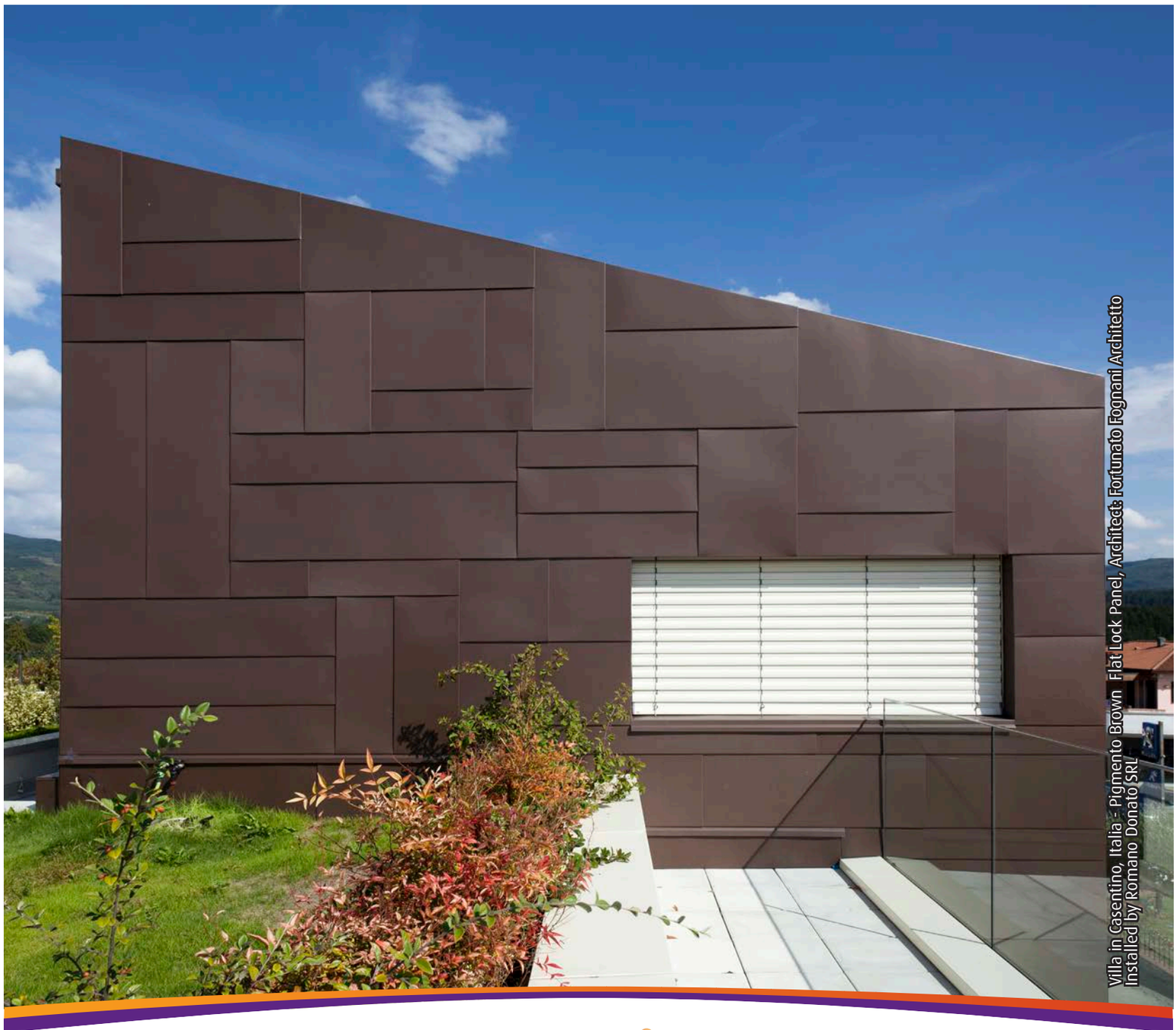
VMZ Flat Lock Panel

Specification of details



Villa in Casentino, Italia - Pigmento Brown Flat Lock Panel, Architects Fortunato Fognani Architetto
Installed by Romano Donato SRL

VMZINC

Technique information

Cladding technique	VMZ Flat Lock Panel
Cladding material	• Natural Mill Finish, and Azengar® engraved zinc • pre-weathered QUARTZ-ZINC® PLUS® • pre-weathered ANTHRA-ZINC® PLUS® • PIGMENTO® PLUS® range available in 4 finishes : Autumn Red /Ash blue/Lichen Green/Brown
Support	15mm plywood
Underlay	Breathable waterproofing membrane
Ventilation	20mm unobstructed cavity formed by timber battens/galvanised steel top hats at 600mm centres
Panel width	430mm maximum width (overlapped joint), 375mm maximum width (recessed joint)
Panel length	3 metres maximum, 2 metres maximum for soffits
Recessed joint	13mm wide
Sheet thickness	0.70mm, 0.80mm
Panel Weight	6.8/7kg square metre

Please note:

Main structure and insulation by others.

Melbourne General Cemetary - Designed by Harmer Architecture - Designed by Architectural Cladding Australia
VMZINC Pigmento Red, Pigmento Green

Pastoral House, Boulogne Billancourt France - Designed by Brénac et Gonzales, Installed by CCRT, Bondy - VMZINC Quartz-zinc

The sole objective of this document is to describe the main technical features of VMZINC® product. Specification and installation of these products remains the exclusive competency of building professionals who must ensure that the use of these products is adjusted to the construction in question and compatible with the other products and techniques used. Specification and installation of the products implies compliance with the current norms and recommendations of the manufacturer. In this respect, VMZINC publishes specifications and installation guides that are regularly updated for specific geographical zones, and also organises training courses. All details may be obtained on request from the local VMZINC® team. VMZINC may not be held responsible for any specification or use that does not comply with these norms, recommendations and practices.

VMZINC

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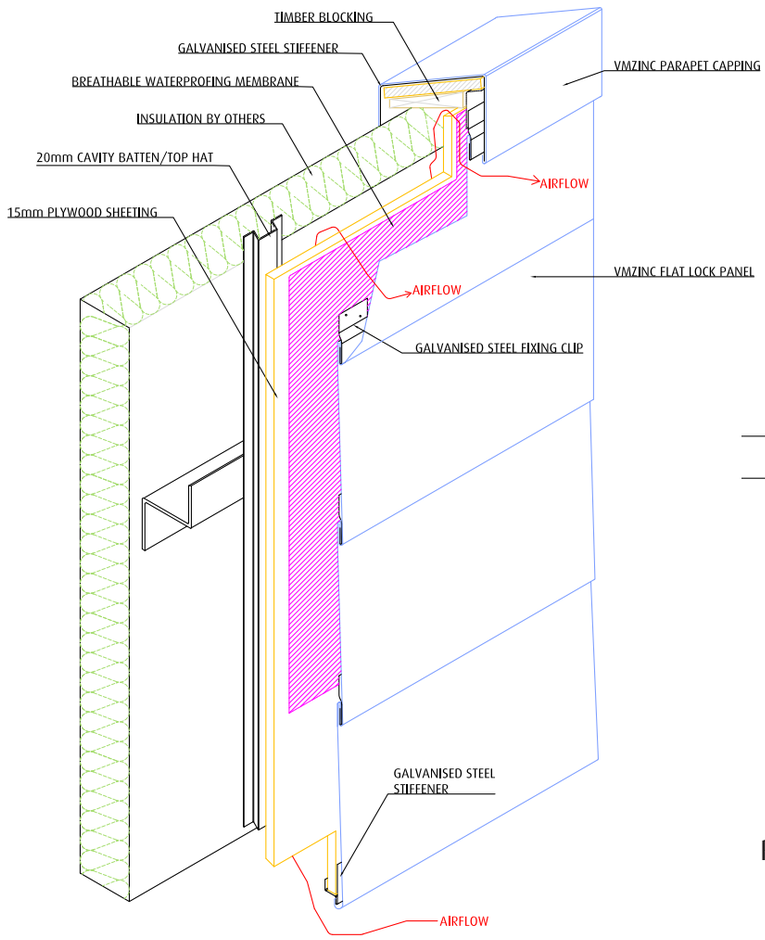
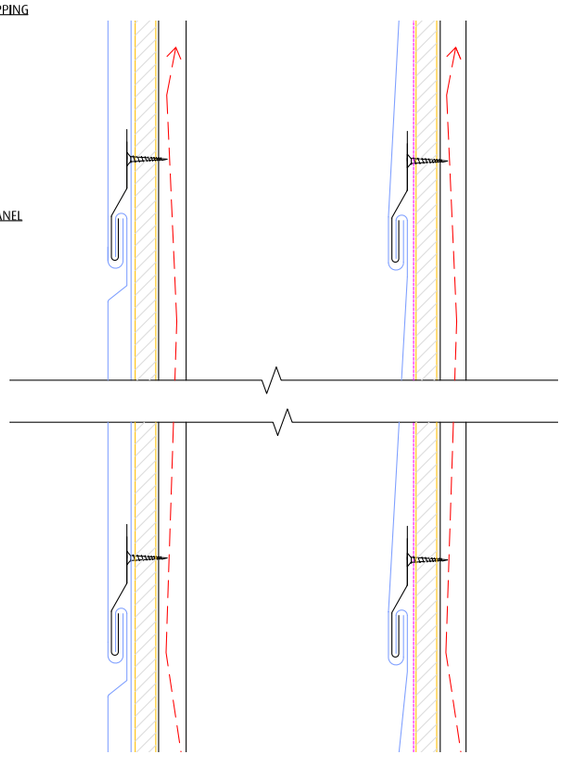
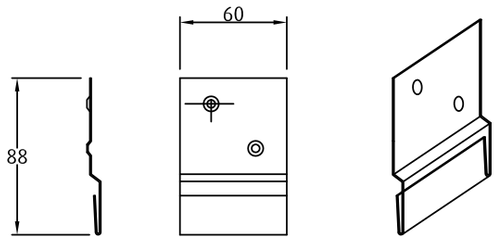
VM BUILDING SOLUTIONS

VMZ Flat Lock Panel

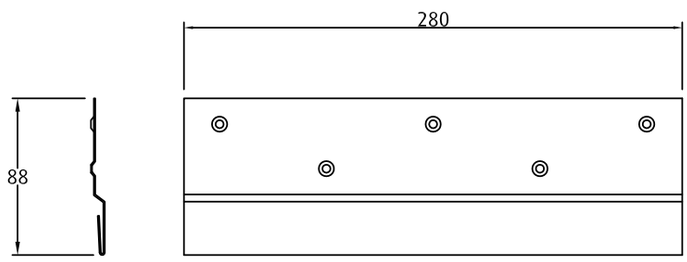


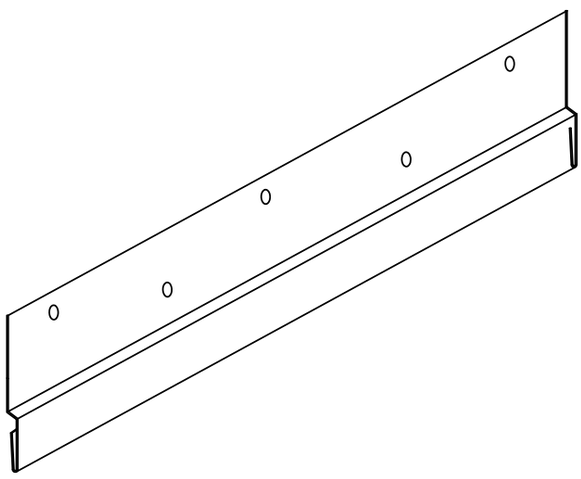


RECESSED JOINT OVERLAPPED JOINT



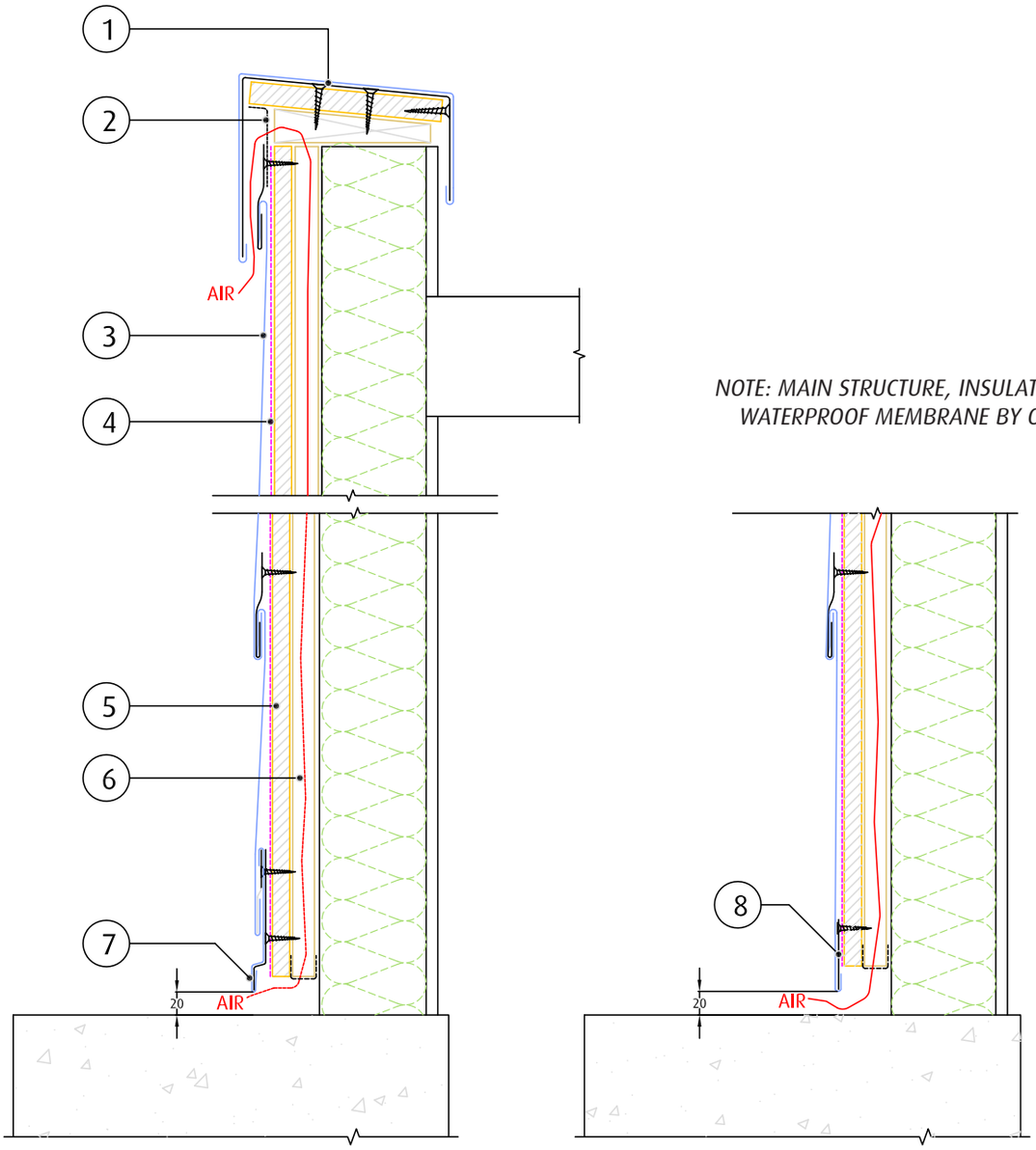
STAINLESS STEEL FIXING CLIP





STAINLESS STEEL SHEET CLIP

VMZ Flat Lock Panel

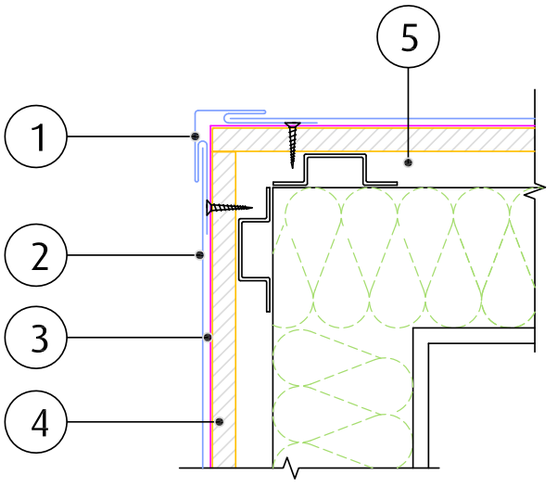


NOTE: MAIN STRUCTURE, INSULATION AND WATERPROOF MEMBRANE BY OTHERS

Wall section

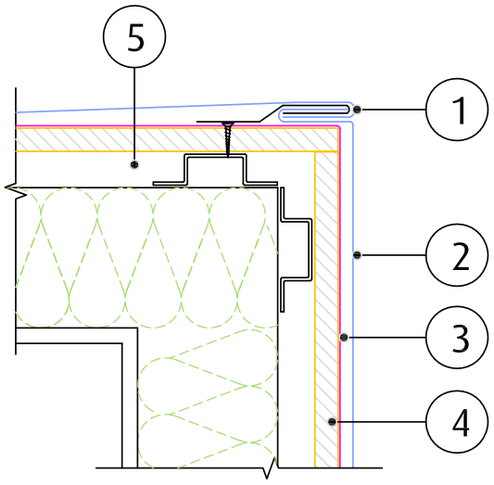
1. VMZINC Parapet capping over galvanised steel stiffener
2. Insect screen
3. VMZINC Flat Lock Panel
4. Breathable waterproofing membrane
5. 15mm plywood sheeting
6. 20mm ventilation cavity
7. VMZINC Apron flashing
8. Galvanised steel stiffener

VMZ Flat Lock Panel



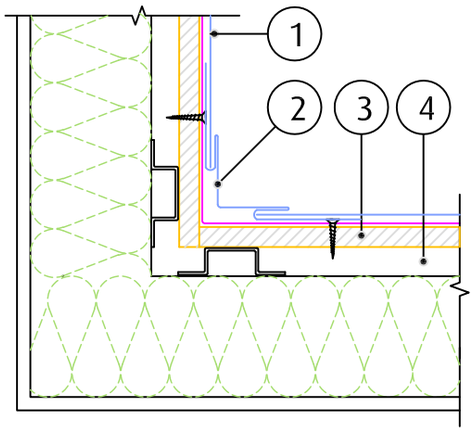
Internal Corner - Option 1

1. VMZINC External corner flashing
2. VMZINC Flat Lock Panel
3. Breathable waterproofing membrane
4. 15mm plywood sheeting
5. 20mm ventilation cavity



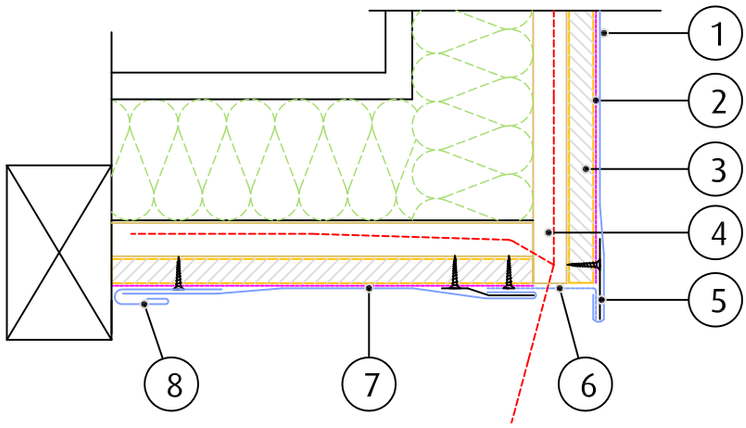
External Corner - Option 2

1. VMZINC Corner joint
2. VMZINC Flat Lock Panel
3. Breathable waterproofing membrane
4. 15mm plywood sheeting
5. 20mm ventilation cavity



Internal Corner

1. VMZINC Flat Lock Panel
2. VMZINC Internal corner flashing
3. 15mm plywood
4. 20mm ventilation cavity

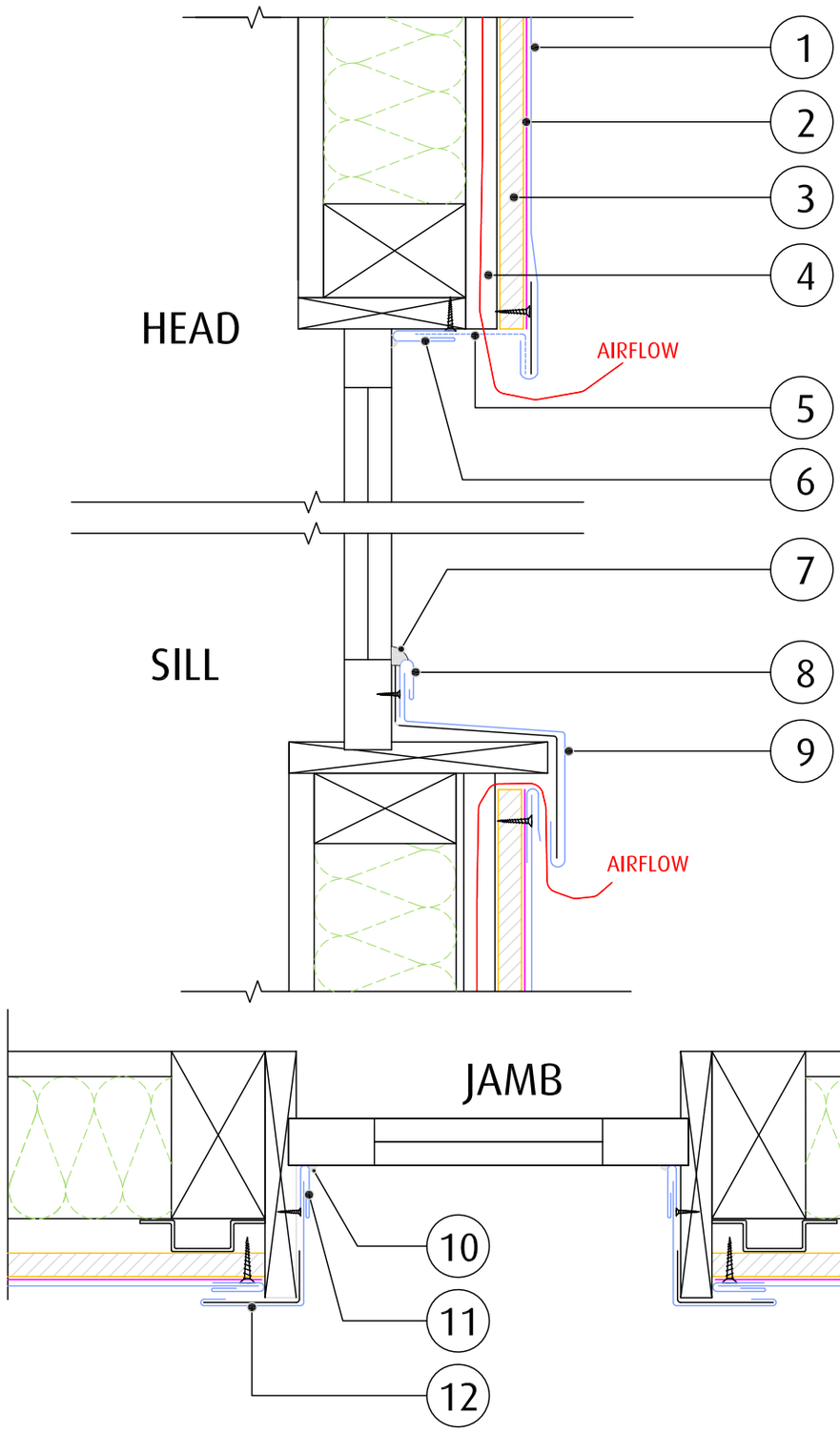


Soffit Junction

1. VMZINC Flat Lock Panel
2. Breathable waterproofing membrane
3. 15mm plywood
4. 20mm ventilation cavity
5. Galvanised steel stiffener
6. VMZINC Perforated flashing strip
7. VMZINC Flat Lock Panel soffit
8. VMZINC securing clip

NOTE: MAIN STRUCTURE, INSULATION AND WATERPROOF MEMBRANE BY OTHERS

VMZ Flat Lock Panel

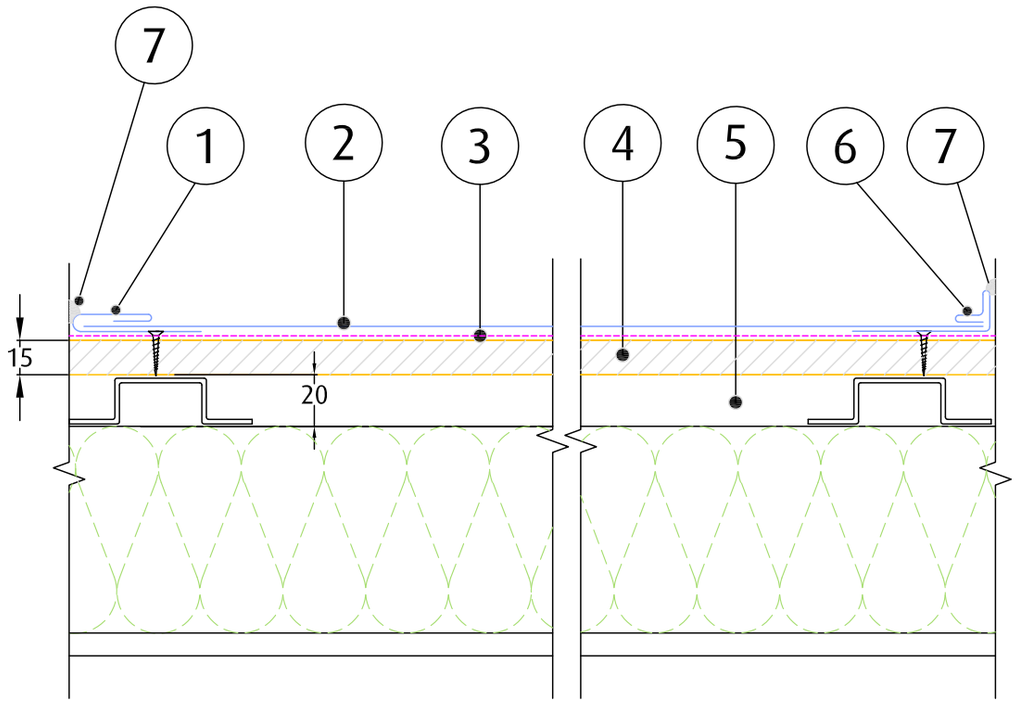


Window surrounds

1. VMZINC Flat Lock Panel
2. Breathable waterproofing membrane
3. 15mm plywood
4. 20mm ventilation cavity
5. VMZINC perforated pindow head flashing
6. VMZINC securing clip
7. Neutral sealant
8. VMZINC securing clip
9. VMZINC Window sill flashing
10. Neutral sealant
11. VMZINC securing clip
12. VMZINC jamb flashing

NOTE: MAIN STRUCTURE, INSULATION AND WATERPROOF MEMBRANE BY OTHERS

VMZ Flat Lock Panel



Wall Junction

1. VMZINC Securing clip (option 1)
2. VMZINC Flat Lock Panel
3. Breathable waterproofing membrane
4. 15mm plywood sheeting
5. 20mm ventilation cavity
6. VMZINC securing clip (option 2)
7. Neutral sealant

NOTE: MAIN STRUCTURE, INSULATION AND WATERPROOF MEMBRANE BY OTHERS

This document is intended for specifiers (building project and architect and design teams) and users (companies responsible for installation on the building site) of the designated product or system.
Its purpose is to provide the main information, text and and diagrams, relating to specification and installation (including supporting structures) and flashing installation.
Any use of specification outside the area and/or specifications contained in this manual requires specific consultation with the VMZINC technical departments.
This does not commit the latter to any responsibility with regard to the feasibility of the design or implementation of these projects.

Countries of application

This document applies exclusively to the specification and installation of the designated products or systems on building sites in Australia and New Zealand.

Qualifications and reference documents

Please note that the specification of all the construction systems for a given building remains the exclusive responsibility of its design team, who must, in particular, ensure that the specified products are suitable for the purpose of the building and compatible with the other products and techniques used.
Please note that the correct use of this manual requires knowledge of VMZINC materials and of the zinc roofing profession.
While construction is underway all standards in force must be respected.
Furthermore, VMZINC offers training couses specifically for professionals.

Responsibility

The specification and installation of VMZINC products are
the sole responsibility of the architects and building professionals who must ensure these products are used in a way suited to the end purpose of the construction and that they are compatible with the other products and techniques used.
The specification and installation of the products implies respecting the standards in force and the manufacturer's recommendations. In this regard, VMZINC publishes and regularly updates specifications and installation manuals for specific geographic areas and provides training courses. All the information on the latter can be obtained from the local VMZINC team.
Unless otherwise agreed in writing, VMZINC cannot be held responsible for any damages resulting from a specification or installation that does not respect all of VMZINCs specifications and the above standards and practices.

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