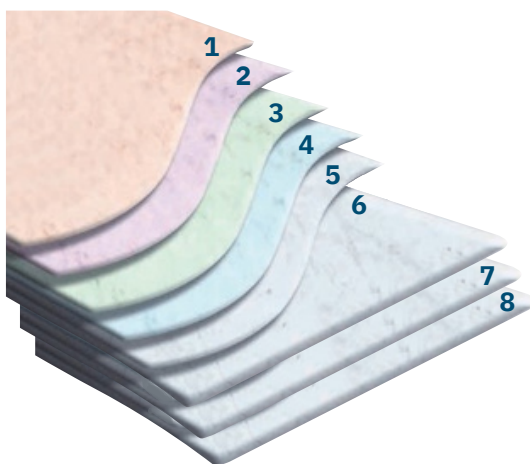


KiwiColour Product Information Sheet Class 1



VITOR⁺



Layers of Protection

1. Protective Film (Optional)
2. Top Finish Coat - 20µm
3. Primer - 5µm
4. Pre-Treatment
5. Aluminum-Zinc Alloy Coating - 200g/m²
6. Steel Substrate - 0.4mm or 0.55mm
7. Primer - 5µm
8. Epoxy Back - 5µm

PURPOSE

KiwiColour supplies Vitor+[®] prepainted steel coil (Vitor+[®]) for rollforming into building products including, but not limited to, roofing and wall cladding, gutters and associated flashings, garage doors, panels and internal linings.

EXPLANATION

Vitor+[®], comprises a steel substrate (0.4 mm or 0.55 mm) with an aluminium-zinc alloy coating (200 g/m²) coated on the backside with an epoxy primer (5 µm) and the topside with epoxy primer and polyester coating (total thickness 25 µm).

CONDITIONS OF USE

Rollforming of Vitor+[®] coil must be carried out by recognised rollformers to the specification appropriate for the intended use. Installation of the rollformed Vitor+[®] coil must be in accordance with the installation requirements as prescribed by the supplier of the Vitor+[®] building product.

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location	
Environmental categories as defined in AS/NZS 2728:2013.	> Vitor+ [®] may be used in environments up to and including Category C: <ul style="list-style-type: none">• West & South coast: ≥ 100 m from the shoreline.• East coast: ≥ 100 m from the shoreline.• Harbours: from the shoreline.• Estuaries: from the shoreline.
Proximity to a relevant boundary	> No restrictions subject to rollforming and end supplier installation
Building	
Building height	> No restrictions subject to rollforming and end supplier installation

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all KiwiColour requirements, Vitor+® will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 Structure B1.3.1, B1.3.2 B1.3.3 (a, b, c, e, j, m, q)	ALTERNATIVE SOLUTION	› Manufactured to AS/NZS 2728:2013 confirmed with manufacturer's test certificate supplied with each batch.
B2 Durability B2.3.1 (b)	ALTERNATIVE SOLUTION	› Manufactured to AS/NZS 2728:2013 confirmed with manufacturer's test certificate supplied with each batch.
C3 Fire affecting areas beyond the fire source C3.4 (a), C3.7. (a)	ACCEPTABLE SOLUTION C/AS2 2019, amendment 5 November 2020.	› C/AS2 defines steel as non-combustible. › Non-combustible products achieve material group number 1S.
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	› Manufactured to AS/NZS 2728:2013 confirmed with manufacturer's test certificate supplied with each batch.

DESIGN, INSTALLATION AND MAINTENANCE

Moderate: ISO Category 1 - 3

	Roofing	Wall Cladding	Accessories
Perforation	30	20	10
Paint	18	15	10
Rain Washing	Rain Washing & Manual Washing Every Year	Manual Washing Every 6 Months	

Severe: ISO Category 4

	Roofing	Wall Cladding	Accessories
Perforation	20	20	10
Paint	15	15	10
Rain Washing	Rain Washing & Manual Washing Every 6 Months	Manual Washing Every 3 Months	

* Accessories: Gutters, Downpipes and Fascia

* The unit for all warranty periods is "year".

All roofing and cladding products are subject to the cumulative effects of weather, dust, and other deposits. Normal rain-washing will remove accumulated atmospheric contaminants from roofs. Gutters must be regularly inspected to remove debris, which may cause ponding.



Installation must comply with current agreed trade practices and legislation. For more information refer to the NZMRM Code of Practice.

Regular washing of KIWICOLOUR® products increases the durability by reducing attack from airborne salts and pollutants.

KIWICOLOUR® surfaces should be manually washed with water and a sponge or a soft nylon-bristled brush. Water blasting may be suitable for large areas, but it must be performed with caution to prevent damage, as any damage could void the warranty.

Areas that do not receive sufficient natural rain washing commonly referred to as unwashed areas - require more thorough manual cleaning. These typically include soffits, wall cladding beneath eaves, the undersides of gutters, fascias, sheltered sections of garage doors, roof areas that are not exposed to rain, and other high-risk locations such as around flues, under TV aerials or solar panels, or in environments prone to mould, lichen, bird droppings, or debris buildup. As a condition of your warranty, it is essential to ensure these unwashed areas are regularly cleaned and properly maintained.

Distributed in New Zealand from imported materials.
 KiwiColour® and Vitor +® are registered trademarks of Kiwi Steel NZ Ltd

NZBN 9429039314239

<https://kiwisteel.co.nz/KiwiColour-Prepainted-Steel-Warranty>

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