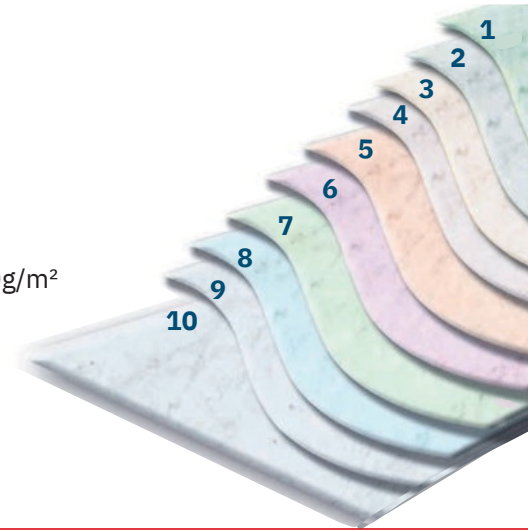


# KiwiColour Product Information Sheet Class 1



1. Protective Flim
2. Clear Coating - 10 - 15µm
3. Top Finish Coat - 20 - 25µm
4. Primer - 5µm
5. Pre-Treatment
6. Aluminium-Zinc Alloy Coating 200g/m<sup>2</sup>
7. Pre-Treatment
8. Steel Substrate
9. Primer - 5µm
10. Epoxy Back - 5µm



**PURPOSE**  
KiwiColour supplies Lux™ prepainted steel coil (Lux™) 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**  
Lux™, comprises a steel substrate (0.55 mm) with an aluminium-zinc alloy coating (200 g/m<sup>2</sup>) coated on the backside with an epoxy primer (5 µm) and the topside with PVDF coating (total thickness 25µm) finished with a final 10-15µm clear coating with optional protective film.

**CONDITIONS OF USE**  
Rollforming of Lux™ coil must be carried out by recognised rollformers to the specification appropriate for the intended use. Installation of the rollformed Lux™ coil must be in accordance with the installation requirements as prescribed by the supplier of the Lux™ building product.

SCOPE AND LIMITATIONS OF USE	
Scope	Limitations
<b>Location</b> Environmental categories as defined in AS/NZS 2728:2013.	<ul style="list-style-type: none"> <li>&gt; LUX™ may be used in environments up to and including Category C:                             <ul style="list-style-type: none"> <li>• West &amp; South coast: ≥ 100 m from the shoreline.</li> <li>• East coast: ≥ 100 m from the shoreline.</li> <li>• Harbours: from the shoreline.</li> <li>• Estuaries: from the shoreline.</li> </ul> </li> </ul>
Proximity to a relevant boundary	> No restrictions subject to rollforming and end supplier installation
<b>Building</b> Building height	> No restrictions subject to roll forming and end supplier installation



## PERFORMANCE CLAIMS

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

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
<b>B1 Structure</b> B1.3.1, B1.3.2 B1.3.3 (a, b, c, e, j, m, q)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> <li>› Manufactured to AS/NZS 2728:2013 confirmed with manufacturer's test certificate supplied with each batch.</li> </ul>
<b>B2 Durability</b> B2.3.1 (b)	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> <li>› Manufactured to AS/NZS 2728:2013 confirmed with manufacturer's test certificate supplied with each batch.</li> </ul>
<b>C3 Fire affecting areas beyond the fire source</b> C3.4 (a), C3.7. (a)	ACCEPTABLE SOLUTION C/AS2 2019, amendment 5 November 2020.	<ul style="list-style-type: none"> <li>› C/AS2 defines steel as non-combustible.</li> <li>› Non-combustible products achieve material group number 1S.</li> </ul>
<b>F2 Hazardous Building Materials</b> F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> <li>› Manufactured to AS/NZS 2728:2013 confirmed with manufacturer's test certificate supplied with each batch.</li> </ul>

### Other performance statement

Lux™ will not contaminate potable water. › BRANZ statement that metal roof suitable refer: <http://www.level.org.nz/water/watersupply/mains-or-rainwater/harvesting-rainwater>.

## DESIGN, INSTALLATION AND MAINTENANCE

### Moderate : ISO Category 1 - 3

	Roofing	Wall Cladding	Gutter / Downpipe	Fascia
Perforation	30	20	10	15
Paint	18	15	10	10
Rain washing	Rain Washing & Manual Washing every year	Manual Washing Every 6 months	Manual Washing Every 6 months	Manual Washing Every 6 months

### Severe : ISO Category 4

	Roofing	Wall Cladding	Gutter / Downpipe	Fascia
Perforation	20	20	10	15
Paint	15	15	10	10
Rain washing	Rain Washing & Manual Washing every 6 months	Manual Washing Every 3 months	Manual Washing Every 3 months	Manual Washing Every 3 months

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. For large areas it may be appropriate to use water blasting at pressures up to 20MPa

High Risk areas include around flues & extractor vents, under television aerials, solar panels & trees, and sites prone to mould, lichen, bird droppings, or debris.

Distributed in New Zealand from imported materials.

KiwiColour® and Vitor+® are registered trademarks of Kiwi Steel NZ Ltd  
 NZBN 9429039314239

<https://www.kiwicolour.co.nz/wp-content/uploads/2022/07/KiwiColourPre-PaintedSteel-Warranty.pdf>

For further assistance please contact:

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