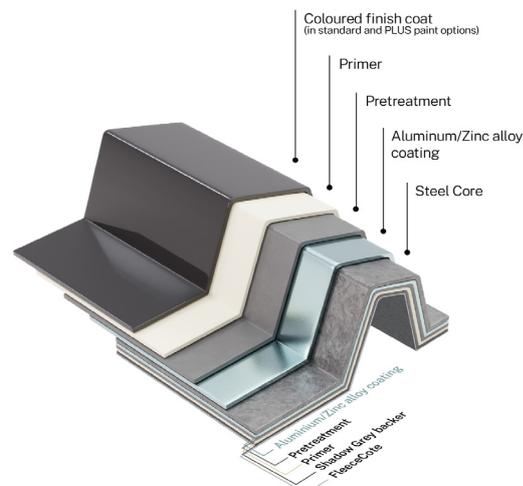


## ZinaCore™ FleeceCote

### Description

**ZinaCore™** is a durable, highly formable and cost effective product with excellent colour retention for exterior and interior.

**FleeceCote™** is a fleece membrane applied to the underside of metal roofing coil prior to being supplied to rollformers. It absorbs condensation and prevents dripping, eliminating the need for separate underlays – a solution for commercial and non-residential builds.



Conforms to AS/NZS 2728:2013.

Complies with the New Zealand Building Code (NZBC):

- Clause B2 Durability: Meets performance requirements for durability of building elements.
  - Clause C3 Fire: FleeceCote™ achieves Group 1-S rating (ISO 5660:2002).
  - Clause E2 External Moisture: FleeceCote™ meets NZS 2295:2017 when tested to AS/NZS 4201.6:1994.
- Not subject to any warning or ban under Section 26 of the Building Act 2004.

<b>Substrate</b>	Hot-dipped Zinc/Aluminium alloy coated steel coil.
<b>Pre-treatment</b>	Corrosion resistant conversion coating.
<b>Primer coat</b>	A flexible corrosion resistant primer on both sides.
<b>Finish coat</b>	Two options are available Standard: A flexible exterior acrylic or modified polyester coating. PLUS: Chemically resistant waterborne acrylic.
<b>Backing coat</b>	Grey polyester wash coat.
<b>FleeceCote™</b>	Grey marle fleece membrane.

### Recommended end uses

**ColorCote® ZinaCore™** is suitable for exterior and interior uses in ISO 9223:2012 Environmental Categories 1–4 for: Roofing and Roofing Accessories, Wall Cladding.

**ColorCote® FleeceCote™** is only for use commercial and non-residential builds that fall within ZinaCore's Environmental Categories 1–3. Adequate ventilation in accordance with the NZ Building Code is required to allow FleeceCote® to dry and perform as intended.

### Product Range Options:

- **Strippable film:** ColorCote® ZinaCore™ can be supplied with an optional strippable protective film.
- **Width and thickness availability** **Width.** 940mm to 1221mm. **Thickness.** 0.40mm and 0.55mm.
- **FleeceCote™ profile applications** can be supplied to trapizoidal and corrugate profiles.
- **FleeceCote™ Thickness availability** <3mm

**PLEASE NOTE: This Product Information Sheet does not warrant ZinaCore™ FleeceCote™ for all purposes. Please make use of the Warranty Enquiry Form on the ColorCote® website [www.colorcote.co.nz](http://www.colorcote.co.nz)**

Manufacturer: Fletcher Steel Limited trading as ColorCote®.

ColorCote® is a registered trademark of Fletcher Steel Ltd. ZinaCore™ & FleeceCote™ are trademarks of Fletcher Steel Ltd, a Fletcher Building Limited business.

NZBN: 9429037626563

810 Great South Road, Penrose, Auckland 1061.

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## Product attributes

Property	Test & Evaluation Methods, Standards Employed	Results
<b>Adhesion</b>		
Reverse Impact	AS/NZS 2728:2013 (App. E)	≥10 Joules
T-bend	AS/NZS 2728:2013 (App. F)	Maximum 6T
<b>Specular Gloss</b>		
60° meter	ASTM D523-14	Nominal 25 ±10 units, low gloss option available on some colours
<b>Painted film hardness</b>		
Pencil	AS/NZS 1580.405.1	HB or harder
Solvent Resistance	ASTM D5402-15	Exceeds 50 double rubs
Scratch Resistance	ASTM D5178-13	Needle carrying 2000g. No marking evident
<b>Resistance to corrosion</b>		
Salt spray	AS/NZS 1580.481.1.9, AS/NZS 2728:2013	Meets the requirements of Sections 2.10, and Table 2.6 of AS/NZS 2728:2013
Outdoor Exposure (Rainfall Washed)	AS/NZS 1580.481.1.9, AS/NZS 2728:2013	Meets the requirements of Sections 2.8, and Table 2.3 of AS/NZS 2728:2013
<b>Resistance to colour fade</b>		
QUV (2000hrs)	AS/NZS 1580.601.4, AS/NZS 2728:2013	Meets the requirements of Sections 2.8, and Table 2.4 of AS/NZS 2728:2013
Outdoor Exposure (Rainfall Washed)	AS/NZS 1580.601.4, AS/NZS 2728:2013	Meets the requirements of Sections 2.8, and Table 2.4 of AS/NZS 2728:2013
<b>Resistance to humidity*</b>		
Cleveland (500 hours)	AS/NZS 1580.408.4, AS/NZS 1580.481.1.9	Meets the requirements of Sections 2.9, and Table 2.5 of AS/NZS 2728:2013
<b>Resistance to fire*</b>		
Exposure	ISO 5660:2002	Group 1-S. Complies with the the NZBC paragraph A1.3

\*C3 Fire: FleeceCote™ meets Group 1-S rating (ISO 5660:2002) .

\*E2 External Moisture: FleeceCote™ meets NZS 2295:2017 when tested to AS/NZS 4201.6:1994.

### FleeceCote™ Properties

Absorbancy	FleeceCote™ Weight	FleeceCote™ Warranty	Bacterial Growth Index
Up to 1000ml/m <sup>2</sup>	110g/m <sup>2</sup>	15-year warranty on fleece adhesion and absorbancy	0

### Accreditations

- ColorCote® products are manufactured under ISO 9001:2015 quality systems.
- FleeceCote™ is globally certified and widely used in NZ for condensation control. FleeceCote™ products are manufactured under ISO 9001:2015 quality systems.

For information regarding specific standards of Test Evaluations, please contact ColorCote® on 0800 279 979 or email enquiries@colorcote.co.nz

Please refer to The NZ Metal Roofing Manufacturers' Code of Practice for comprehensive installation and rollforming recommendations.

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