



THE SCIENCE OF COLORSTEEL®

colorsteel®

NEW ZEALAND'S FAVOURITE ROOF®

THE SCIENCE OF COLORSTEEL®

Since the early 80's, COLORSTEEL® has been protecting New Zealanders from the elements.

For more than three decades COLORSTEEL® has proven its ability to keep homes, commercial premises and rural buildings safe from anything our harsh and variable climate throws our way.

The enduring success of COLORSTEEL® is no accident. It's the direct result of a relentless commitment to research and development, carried out by a dedicated team of scientists who call on local knowledge, global expertise and an extensive testing programme to ensure each and every COLORSTEEL® product will stand the test of time. The result is COLORSTEEL® MAXX® and COLORSTEEL® ENDURA®, each designed with New Zealand's challenging and variable climate in mind. Just two more reasons why COLORSTEEL® is New Zealand's favourite roof.



maxx®
FOR EXTREME CONDITIONS

endura®
FOR ENDURING PERFORMANCE

LOCAL KNOWLEDGE, GLOBAL EXPERTISE

A lot of resources are required to create a product as strong and as versatile as COLORSTEEL®. Fortunately, we've got a lot at our disposal.

New Zealand Steel, who make COLORSTEEL®, are owned by BlueScope, a global leader in metallic coated and factory painted steel. In fact, BlueScope are recognised as the world's third largest manufacturer of such products.

Our unique paint systems are created by New Zealand Steel's Research and Innovation team in collaboration with some of the largest paint manufacturers in the world. They work in conjunction with their counterparts at BlueScope, where more than 70 scientists and technologists are employed. This partnership provides our team with access to BlueScope's extensive database – providing invaluable insights into the ongoing performance of both our own products, and those of our competitors.

TRIED & TESTED... OVER & OVER AGAIN

We know that durability and colour performance are all-important to Kiwis. To ensure COLORSTEEL® delivers exactly that, we subject it to extensive testing, with more than 20,000 test panels in 17 sites across the globe. These include COLORSTEEL® panels as well as samples of our competitors' products, and those of COLORBOND®, our counterparts in Australia.

Adhesion tests confirm the paint has adhered well to the substrate while the Pencil Hardness Test explores the scratch resistance of a coating.

Accelerated methods like Q-fog and UV testing predict how our products will perform in every environment imaginable, with data taken from global exposure tests providing critical insights into high UV, geothermal and corrosive environments. All of this helps to confirm the industry-leading durability of our products, and their compliance with AS/NZS2728.

"We evaluate every potential component in the harshest conditions possible, searching for those that work in unison to enhance performance. That's how we create an incredibly resilient system that we know will perform in New Zealand's unique environment."

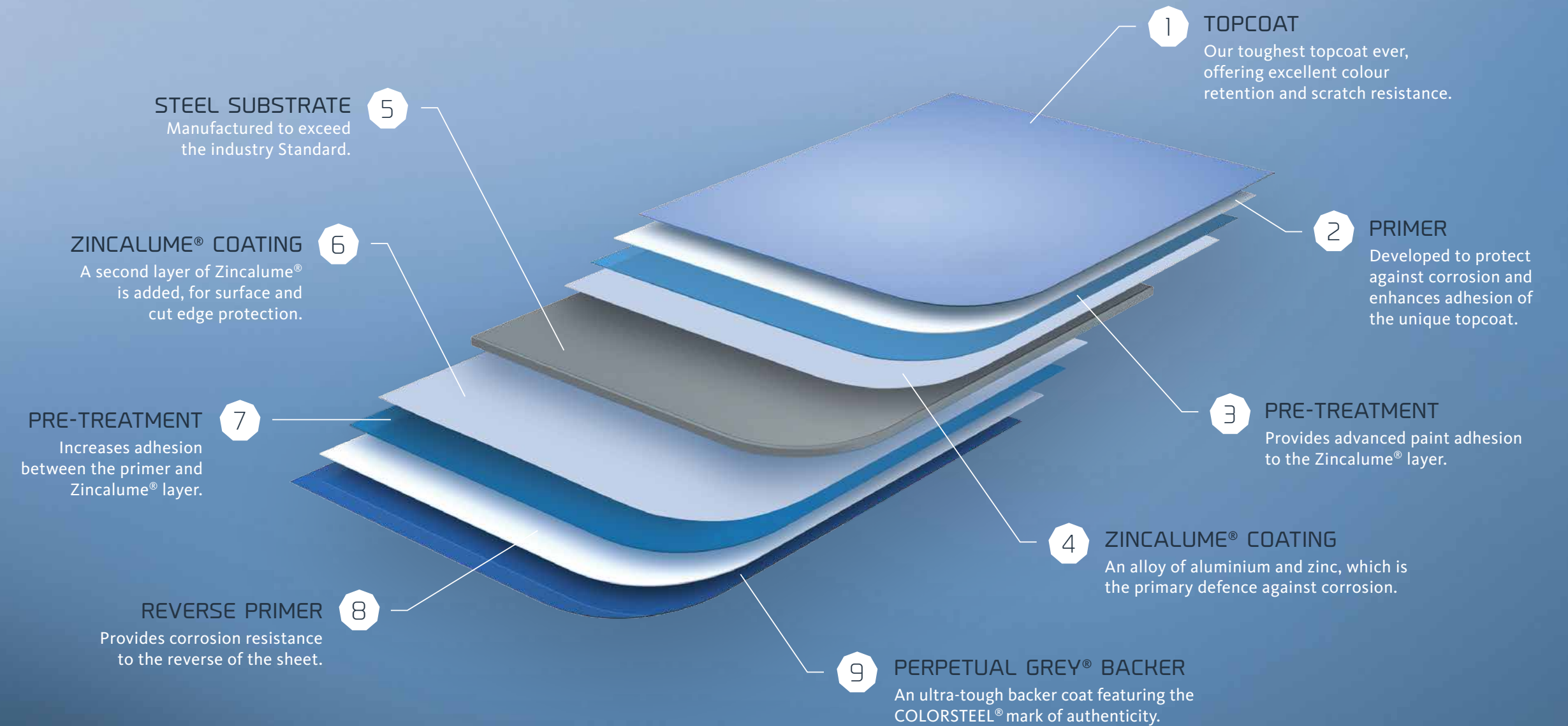
Dr Troy Coyle, Head of Innovation, New Zealand Steel

ARMA™

PERFORMANCE PAINT TECHNOLOGY

NEW ZEALAND'S FAVOURITE COLOURS, MADE TOUGHER!

The strength of COLORSTEEL® can be attributed to ARMA™, the toughest, most resilient paint system we've ever created. Designed to perform in the types of conditions encountered right around New Zealand, this eight-layer system offers extraordinary corrosion and scratch resistance.



For more information about
COLORSTEEL® products call
0800 100 523 or visit **colorsteel.co.nz**

Buyers and users of New Zealand Steel products and services must make their own assessment of the products for their own conditions. All queries regarding product specification, purpose or application should be directed to New Zealand Steel, phone **0800 100 523**.

New Zealand Steel reserves the right to modify products, techniques, equipment and statements to reflect improvements in the manufacture and application of its products. The information contained in this brochure is supplied without prejudice to New Zealand Steel's standard terms and conditions of sale. In the event of conflict between this information and the standard terms and conditions, the standard terms and conditions prevail.

COLORSTEEL®, COLORSTEEL® MAXX® and COLORSTEEL® ENDURA® are registered trademarks of New Zealand Steel Limited. ARMA™ is a trademark of New Zealand Steel Limited. ZINCALUME® is a registered trademark of BlueScope Steel Limited.

Copyright© New Zealand Steel Limited, June 2016.

