



BuildcoTech ZAMP Clear-Colorbond



BuidcoTech proudly presents ZAMP Clear-Colorbond, a groundbreaking advancement in coated steel technology. Engineered with precision and innovation, our ZAMP coated material, fortified with an advanced paint layer, redefines industry standards for durability, resilience, and versatility in construction and agricultural applications.

Technical Insights

- 1 Cutting-Edge Self-Healing Property
- 2 Temperature Control
- 3 Superior Processability
- 4 Enhanced Corrosion Resistance
- 5 Extended Lifespan



Cutting-Edge Self-Healing Property

Incision Self-Healing: ZAMP Clear-Colorbond's ZAMP coated sheet boasts an exceptional self-healing function when cut, punched. The fluidity of the coating prompts the formation of a new protective film on the exposed surface, effectively inhibiting corrosion and ensuring long-term structural integrity.



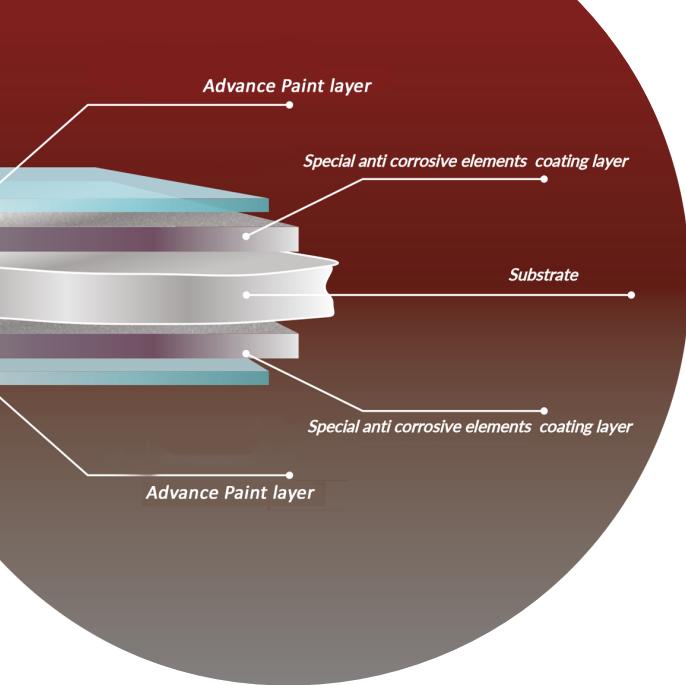
Temperature Control

Reflective Properties: ZAM coated materials can help in reflecting solar heat, contributing to a cooler environment inside poultry houses during hot weather. This can be crucial for maintaining optimal living conditions for chickens, which, in turn, can impact their health and productivity.



Superior Processability

Dense Coating: The ZAMP coating, denser than traditional galvalume coatings, minimizes the risk of peeling during processing. Its excellent tensile, stamping, and bending properties ensure ease of fabrication even under the most demanding conditions.



✓ Enhanced Corrosion Resistance

Ternary Eutectic Phase: Magnesium elements evenly distributed in the coating form a Ternary Eutectic Phase (Al-Zn-Mg), creating a solid interface with the steel base. This results in ultra-high corrosion resistance, surpassing traditional galvalume products.

✓ Extended Lifespan

Longevity: ZAMP Clear-Colorbond offers a lifespan 4-5 times that of ordinary Galvalume base colorbonded products, ensuring reliable performance and cost-effectiveness over time.

Environmental Resilience: The dense protective film formed on the coating surface effectively inhibits corrosion in alkaline, marine, hot, and humid environments, extending the product's lifespan even further.

Color Options and High-Quality Painting System

✓ Color Variety

Limitless Possibilities: Choose from a wide range of vibrant colors to suit any architectural or design aesthetic. From classic neutrals to bold statement hues, our extensive color palette ensures your project stands out.

✓ High-Quality Painting System

Exceptional Finish: Our advanced painting system ensures a smooth, uniform finish that enhances the visual appeal of your project. The superior paint layer provides superior color retention and resistance to fading, ensuring long-lasting beauty and performance.



Salt Spray Testing Results With Different GL Coating VS ZAMP150

	1600 HOURS	2200 HOURS	2600 HOURS	3400 HOURS	4000 HOURS
AZ150					THE END
AZ200					
ZAMP150					

Applications and Industries



Marine and Coastal Structures

Seaworthy Performance: Engineered to withstand the corrosive marine atmosphere, ZAMP Clear-Colorbond is ideal for marine and coastal structures, offering long-lasting protection against rust and degradation.



Agricultural Buildings and Infrastructure

Farm-Friendly: From poultry and livestock housing to storage facilities and greenhouses, ZAMP Clear-Colorbond provides a controlled environment for optimal productivity, while resisting corrosion in agricultural settings.



Industrial Facilities

Built to Last: ZAMP Clear-Colorbond is well-suited for industrial applications, providing reliable protection against chemical exposure and harsh environmental conditions, ensuring longevity and durability.



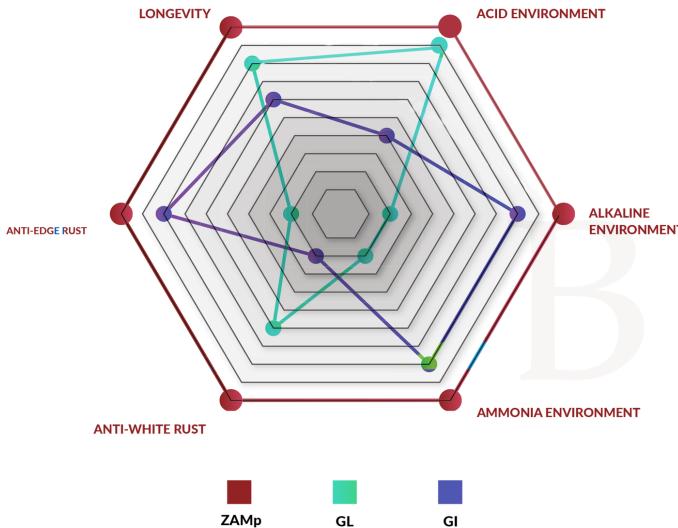
Residential and Commercial Roofing

Aesthetic Appeal, Lasting Protection: Enhance the visual appeal of residential and commercial properties while providing durable, long-lasting protection against the elements.



Architectural Cladding

Design Freedom: ZAMP Clear-Colorbond's technology offers a wide range of color options, allowing architects and designers to realize their creative visions while ensuring structural integrity and resilience.



BEST FOR
AMMONIAHIGHLY CORROSION
RESISTANTDESIGN
FLEXIBILITYDURABILITY/
SECURITYHI-TECH
PRODUCTION

RECYCLING

COLOUR
CHOICESTHERMAL
EFFICIENCY

WARRANTY

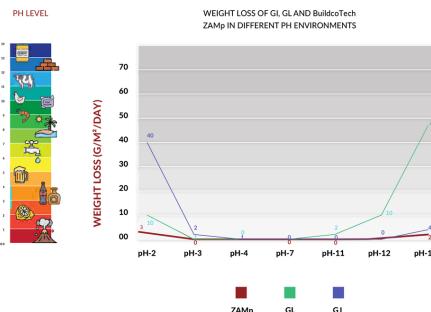
Quality Assurance & Warranty Provision

BuildcoTech stands behind the quality and performance of ZAMP Clear-Colorbond with a comprehensive warranty. Our warranty covers the integrity of the ZAMP coating and advanced paint finish, ensuring your investment is protected. For more information or to place a warranty claim, please contact the BuildcoTech team.

A Breakthrough in Coating Technology

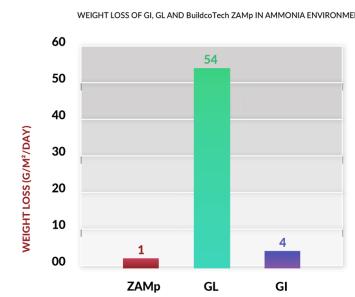
IN CHEMICAL ENVIRONMENT

TEST METHOD:
Comparing the weight before and after soaking GI, GI, and BuildcoTech ZAMP in Na₂SO₄ solution at 30 degree Celsius after 24h; potential of hydrogen (pH) concentration increases progressively from 2 to 13 by adding H₂SO₄ or NaOH solution.



IN AMMONIA ENVIRONMENT

TEST METHOD:
Comparing the weight before and after soaking GI, GI, and BU in 5% of NH₃ solution, at 30 degree Celsius after 24h.



BuidcoTech™

Redefining Possibilities in
Coated Steel Technology.

www.buildcolanka.com

Experience the difference with
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