

PrimeCoat® Color Additive Series

High-end chemical technology

- Cr-free color additive for PrimeCoat®
- Available in Blue, Green, Red and Yellow
- Determine color intensity by adjusting additive amount
- Water and solvent resistant
- ROHS and REACH compliant
- Also available as pre-blend
- Modular chemical technology
- Excellent anti-fingerprint & formability properties
- Designed for Zinc alloys (Z), Alusi and Galfan
- Low peak metal temperatures of >40 °C required for drying

About the product

PrimeCoat® Color Additive is a water-based, functional color additive specifically developed for use within the modular passivation/TOC concept of the PrimeCoat® series. It is available in Blue, Green, Red, and Yellow. By mixing the PrimeCoat® When blended with a product from the PrimeCoat® passivation or TOC series, the additive imparts a distinct translucent color to galvanized steel surfaces. In addition, it enhances the final product with TOC functionalities such as excellent tribological performance during dry forming operations, outdoor weathering resistance, and anti-fingerprint properties.

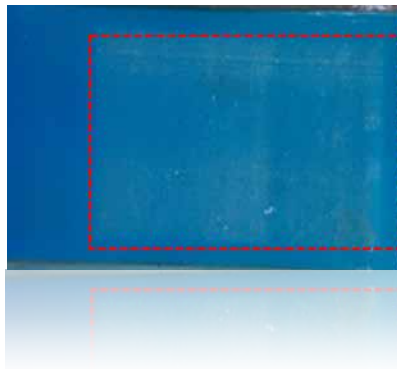
The PrimeCoat® Color Additive is compatible with the PrimeCoat Z83xx and Z93xx series

Typical galvanized steel surfaces that will have advantage of the colored TOC coatings are: standard zinc, electrogalvanized zinc, Galvalume®, Galvannealed, magnesium-aluminium-zinc alloys, Alusi® and Galfan®.

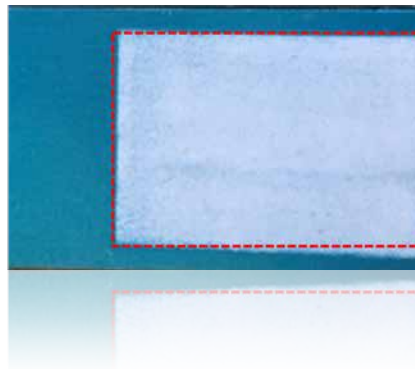


UV-condensation cycle resistance (1750h)

PrimeCoat® blue TOC



Competitor blue TOC

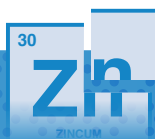


AD. Leader in ROHS and REACH compliant products.

Overall performance topcoat

TEST METHOD	Performance TOC Galvanized steel	Performance TOC Zinc-Aluminium alloys	Performance TOC Zinc-Aluminum Magnesium
Neutral Salt Spray Test (ASTM B117)	>250 hours, <5% white rust	>1000 hours, <5% white rust	>1000 hours, <5% white rust
(Alternating) Humidity Test	>1000 hours, <5% white rust	>1000 hrs, <2mm corrosion	>1000 hours, <5% white rust
Anti-finger print properties DIN 53160-2	$\Delta E < 1.0$	$\Delta E < 1.0$	$\Delta E < 1.0$

Modular system



PrimeCoat® products are modular. This means that each product can be tailored to specific customer needs. By changing for example the product concentration or adding specialty additives certain product properties can be enhanced.

Other solutions

AD Coil Coating Technologies has over 50 years of experience in metal surface treatments, developing our own products, and shaping the future of metal protection. As a market leader in Cr-free solutions, we offer a wide range of cleaners, passivations, thin organic coatings, insulation coatings, booster lubricants and pre-treatments to achieve sustainability goals.

What sets us apart:

- Outstanding Protection
- Safe Solutions
- Innovation and Expertise

What we can deliver:

- Continuity
- More than just metal protection
- Unique service & expertise in the areas of:
 - Passivation
 - Thin Organic Coatings (TOC)
 - Pre-treatments
 - Lubricant boosters
 - Cleaners and additives
 - Insulation coatings

Renowned manufacturers such as TATA Steel come to rely on AD CCT chemicals as part of their continuous manufacturing process. "TATA chose us because of our Chrome-free products, our reliable quality and high levels of service."



Coil Coating Technologies is part of AD International

The information provided in this leaflet as well as our technical service, verbal, in writing or by testing is being given to the best of our knowledge. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of suitability of the product for any particular process or purpose. Our General Conditions of Sale and Payment are valid for each delivery.