

Industry Warranty InterCoat® ChemGuard 315L

Chemcoaters, LLC. offers the following comprehensive warranty when applied in compliance with the Corrosion Performance Certification Sheet.

InterCoat® ChemGuard when applied over G30/G40 HDG will outperform G90* and/or G235** when tested in accordance with ASTM B117 Salt Spray.





<u>Chemcoaters LLC. Corrosion Performance Certification Sheet for</u> <u>InterCoat® ChemGuard 315L Coating System</u>

Zinc Designation to be Replaced	Coating Weight (Cr/mg/ft ²) or (Total mg/ft ²)	Expected Minimum Hrs. in a ASTM B-117 (N.S.S.) Before 10-15% Visual Red Rust
HDG G60 or G90	Cr=2.0 (min) or 100mg/ft ² min	384 Hours
HDG G100 to G235	Cr=4.0 (min) or 185mg/ft ² min	1,344 Hours

Chemcoaters LLC. warranties the InterCoat® ChemGuard Series 315L Product will meet the following Corrosion Performance specifications as shown above in an ASTM B-117 N.S.S., with the following stipulations:

- a.) The original substrate (Hot Dip Galvanized) must meet the coating standard in accordance with ASTM A653/653M 15 for G30/G40
- b.) The coating applicator will certify that the required coating will be applied in accordance with the InterCoat® ChemGuard 315L Corrosion Performance Certification Sheet and Product Data Sheet for the InterCoat® ChemGuard 315L coating system.
- c.) All corrosion testing is to be performed on flat panels as processed off of the mill or coil coating line, prior to any additional (or secondary) processing.
- d.) All corrosion testing will be performed in accordance with ASTM B-117 N.S.S. (Neutral Salt Spray)
- 1.) Chemcoaters LLC. does not insure, test, or warrant that the substrate provided meets the minimum metallic coating weight requirements as specified.
- 2.) Customer supplied substrate must be capable of accepting the specified coating in order to provide corrosion protection and must be free of; oxidation, surface contamination, thin-film-coatings, oils, pretreatments, and chemtreatments (passivations).
- 3.) Customer supplied substrate must be flat enough to accept InterCoat® ChemGuard 315L Coating as applied by reverse roll-coating application so to allow for uniform laydown of coating across width of the strip.



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InterCoat® ChemGuard 315L Product Data Sheet (PDS)

Code/Revision Date: ICCG-315L-03-20-19 Product Name: InterCoat® ChemGuard Product code: 315L Solution Appearance: Green Applied Appearance: Clear to hazel

Type: Stand-Alone Corrosion Inhibiting Coating or Pretreatment

Substrates: HDG, GA, EG, ZAM® (Any zinc or Zinc-alloy metallic coated substrate).

Note: All these substrates will need to be oiled or dry but cannot be coated with Chemtreat.

RoHS Compliant: Yes

Physicals:

Metal Surface: Surface to be coated should be clean, dried, and free from any coatings (including oil and any other surface contaminations or chemical treatments)

Application Method: Reverse Roll-Coating

Dry Film Thickness: 125-400 mg/ft²

- As Primer/Pretreatment use between 125-250 mg/ft²
- As stand-alone corrosion inhibiting coating use between 150-400 mg/ft²

pH: < 2.0 Solid By weight: 16.5-20.5% Weldability: Yes – Under HDG Schedules Drying Temp: PMT 180-200°F Specific Gravity: 1.070-1.100 Solids by Volume: 15.5-19.5% Weld Odor: Sweet

Corrosion Resistance: Corrosion resistance of this product varies with thickness of the metallic zinc or zinc-alloy coating and the applied coating weight of the InterCoat® ChemGuard product. Please contact a Chemcoaters representative for information about your application.

HDG may require a surface activator for best results, please contact your Chemcoaters representative.

Secondary Processing Information:

•ChemGuard can be painted in many cases but all new coatings should be tested before using to determine ChemGuard coating weight and compatibility.

•The "L" series of ChemGuard contains internal lubricants and should be tested to see if no additional lubrication is needed during processing, such as stamping and roll-forming

<u>Coating weights:</u> This coating is determined using a Portaspec and cannot be done by weight-strip-weight because of its reactivity to the surface zinc or zinc-alloy.

For additional information, please contact a Chemcoaters representative.