



PPG Industrial Coatings
Bringing innovation to the surface.™

30-YEAR LIMITED WARRANTY

DURANAR[®], DURANAR[®] ULTRA-COOL[®], DURANAR[®] SUNSTORM, DURANAR[®] SUNSTORM ULTRA-COOL[®], DURANAR XL[®], DURANAR XL ULTRA-COOL[®], DURANAR[®] MXL, DURANAR[®] PLUS, DURANAR[®] GR, DURANAR[®] VARI-COOL[®] & CORAFロン[®] XL, CORAFロン[®] MXL AND CORAFロン[®] GR APPLIED OVER DURANAR[®] COLOR COATS. STANDARD COLORS

Effective Date: January 1, 2018

To: Kloeckner Metals ("Company")
500 Colonial Center Parkway
Suite 500
Roswell, GA 30076

Kloeckner Metals ("Company")
91-104 Kaleloa Blvd
Kapolei, HI 96707

This Limited Warranty ("Limited Warranty") applies to any of the products shown above (the "Product") shipped after the Effective Date and no previous warranty shall apply to such Product shipped after the Effective Date. Notwithstanding the foregoing, if this Limited Warranty is granted on a Site or Project specific basis, this Limited Warranty applies to only to the Products applied on items received at the Site or Project after the Effective Date and no previous warranty shall apply to the Products applied on items received at the Site or Project after the Effective Date.

PPG INDUSTRIES, INC. (hereinafter "PPG INDUSTRIES") warrants that the Product, when: (1) used by a coater contracted by Company (hereinafter the "Coater") to coat properly pretreated and primed Aluminum, Hot-Dipped Galvanized Steel (HDG) or Aluminum/Zinc-coated Steel (Galvalume) (hereinafter the "Metal") for the Company (2) cured by the Coater in accordance with the PPG INDUSTRIES' Product Data Sheet for the Product, will retain its Film Integrity, Color and Chalk, as defined below, after the installation of the Metal coated with the Product in accordance with the table attached hereto (the "Warranty Table").

DEFINITIONS:

1. Film Integrity shall be defined as the absence of peeling, checking, chipping or cracking when viewed at a distance of 3 meters, except for such crazing or slight cracking as may occur on tightly roll-formed edges or brake bends at the time of forming pre-painted sheet.
2. Color Change shall be defined as freedom from fade or change as warranted in ΔE units calculated in accordance with the latest version of ASTM D2244, paragraph 6.2.2 CIEL*a*b*, 10° Observer, specular included. Color Change is measured on an exposed painted surface that has been cleaned of surface soils and chalk and then compared to corresponding values measured on the original or unexposed coated surface.
3. Chalk or Oxidation shall be defined as a numerical rating as warranted when measured in accordance with the standard procedures specified in the latest version of ASTM D4214.



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COOL®, AND **DURANAR VARI-COOL® STANDARD COLORS – COIL APPLIED**

THIS LIMITED WARRANTY IS SUBJECT TO THE FOLLOWING CONDITIONS AND LIMITATIONS. ALL OF THE FOLLOWING CONDITIONS CONSTITUTE MATERIAL TERMS OF THIS LIMITED WARRANTY AND FAILURE TO SATISFY ANY ONE OR MORE OF THE CONDITIONS BY COMPANY OR COATER OR THEIR AGENTS OR REPRESENTATIVES SHALL RENDER THIS LIMITED WARRANTY NULL AND VOID AND RELEASE PPG INDUSTRIES FROM ITS OBLIGATIONS HEREUNDER.

CONDITIONS:

1. Cleaning the Metal, machining, and applying and curing the Product must have been done in strict compliance with AAMA and other generally accepted industry standards.
2. The coated Metal must be a surface on which no standing water accumulates for an exterior architectural aluminum, steel, or other building product.
3. Product must be applied over a PPG INDUSTRIES recommended Pretreatment in accordance with the PPG INDUSTRIES Product Data Sheet and cannot be applied over a Pretreatment that PPG INDUSTRIES has not approved. Without limiting the generality of the foregoing, this Limited Warranty will not apply to Products that are applied over complex oxide conversion coatings, including without limitation: Bonderite® 1303, Garbondo X 1303, Bulk Bond 3000 and Bulk Bond 3110.
4. Metal cleaning and pretreatment must be sufficient to meet the performance requirements described in AAMA 621-02 for Coil Coated Hot Dipped Galvanized (HDG) and Zinc-Aluminum Coated Steel (Galvalume) Substrates or AAMA 620-02/AAMA 2605-13 for Coil Coated Aluminum and processed in accordance with the specifications and recommendations of the pretreatment supplier.
5. Metal must be of sufficient quality and uniformity to meet the performance requirements described in AAMA 621-02 for Coil Coated Hot Dipped Galvanized (HDG) and Zinc-Aluminum Coated Steel (Galvalume) Substrates, or described in AAMA 620-02/AAMA 2605-13 for Coil Coated Aluminum.
6. The coated Metal must be cleaned and maintained in accordance with AAMA 609 and 610-09 (Cleaning and Maintenance Guide for Architecturally Finished Aluminum). The coated Metal must not be cleaned with abrasive or chemical cleaners as described in AAMA 610.
7. Sealants used in contact with a Duranar finish shall meet the performance requirements of the AAMA 800 sealant specification for coated Metal. It is strongly recommended that the fabricator of the finished products consult with the sealant manufacturer in the selection of the appropriate sealant. The testing should be conducted by the sealant manufacturer or an AAMA accredited independent laboratory for tests and recommendations.
8. Each batch of Product must be checked prior to use to assure the Product meets or exceeds all application and fabrication requirements.
9. Company shall prepare and maintain or cause the Coater to prepare and maintain, as applicable, adequate records to identify purchase records for the Metal to be coated, the project, identity of the contractor for the project, maintenance records including the details of washing and cleaning procedures, lot numbers, batch numbers, Product identification, invoices for the Product, date of application, Product code, production records, pre-treatment plant records, oven temperature records of curing ovens, application records and quality control records for each production job, and any other relevant data.
10. Company shall or cause the coater to prepare and maintain and store in climate controlled conditions for the duration of this Limited Warranty a minimum of (2) test panels coated from each batch of Product received by the Coater and a sample from the production run.



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11. Company shall maintain and shall cause the Coater to maintain all paper records and computer records that they are required to prepare and maintain under the terms of this Limited Warranty for the applicable Warranty Period plus one year. In the event of a claim hereunder PPG INDUSTRIES shall have the right to inspect such records.
12. PPG INDUSTRIES shall, at reasonable times and in such manner as will not unreasonably interfere with the Coater's operations, be permitted, but PPG INDUSTRIES shall be not required, to inspect the production line, coating equipment, metal treatment, curing conditions, and quality control facilities of the Coater.
13. All colors of the Products supplied by PPG INDUSTRIES to the Coater are covered by this Limited Warranty unless PPG INDUSTRIES specifically and in writing notifies the Company or the Coater otherwise prior to sale of the Product.
14. Claims under this Limited Warranty must be sent by Company in writing to PPG INDUSTRIES and must be received by PPG INDUSTRIES within thirty (30) days after discovery of the condition giving rise to the claim and by no later than the end of the applicable Warranty Period.
15. In the event of a claim under this Limited Warranty, Company must supply documentation that the Product in question was produced by PPG INDUSTRIES. In addition, Company shall demonstrate to the reasonable satisfaction of PPG INDUSTRIES that the specified Product failed to meet the performance criteria referred to in the Warranty Table.
16. Company must prove to the satisfaction of PPG INDUSTRIES that 10% or more of the total coated area to which the specified Product has been applied failed to meet the performance criteria referred to in the Warranty Table as a result of an error or defect in the formulation or manufacture of the specified Product.

LIMITATIONS:

1. The Limited Warranty shall extend from the date of application of the Product to the Metal by the Coater, or, should application occur more than six (6) months after the delivery of the Product by PPG INDUSTRIES, from a date six (6) months after the delivery of the Product by PPG INDUSTRIES, whichever occurs first (the "Warranty Commencement Date").
2. Product applied to Metal that is later embossed is warranted provided the embossing process does not fracture the coating or metal or adversely affect paint adhesion or film integrity. Any corrosion or loss of adhesion as a result of the embossing process is not covered under this Limited Warranty.
3. Non-uniform color changes that result from unequal exposure to sunlight and/or the elements are not covered by this Limited Warranty unless such color change meets the definition of Color Change above.
4. This Limited Warranty does not extend to, or cover: (a) any damage to, or failure of, the Product arising from improper storage of the coated Metal prior to installation (NCCA guidelines described in the series titled "How To Fabricate Pre-paint" for steel; AAMA guidelines for aluminum) or moisture, standing water, or other contamination detrimental to the Product because of improper packaging, handling, shipping, processing and/or installation; or (b) any damage to the Product by scratching, abrasion, impact, abrasive or chemical cleaners; or (c) any damage to, or failure of, the Product that is associated with improper forming, fabrication, cut edge exposure or any other or the development of condition between the substrate and the Product that causes coating degradation or delamination; or (d) damage to, or failure of, the Product arising from any deficiency or failure in the cleaning, metal pretreatment, installation or failure of the Metal for any reason; or (e) any damage to, or failure of, the Product that arises from repair or touch-up of the coated Metal; or (f) any damage to, or failure of, the Product arising from any external