



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®
& CORAFLO® XL, CORAFLO® MXL AND CORAFLO® 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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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



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contaminant or condition that causes coating degradation or delamination; or (g) any damage to, or failure of, the Product in any areas of the building that do not receive rain fall to rinse corrosive materials from the surface areas on the structure, such as but not limited to, under eaves; or (h) any damage or deterioration of Product that shall have been applied during any period when Coater did not meet the requirements set out in any applicator manual that PPG INDUSTRIES may publish or approve and supply to the Coater from time to time.

5. This Limited Warranty does not extend to, or cover any corrosion of the Metal or damage to, or failure of, the Product arising from any corrosion regardless of the cause, including, but not limited to, corrosion that results from the galvanic reaction due to dissimilar metal contact, corrosion caused by certain gaskets leaching corrosive material, and corrosion originating from within the substrate due to metal contamination or aluminum mineral content or corrosion caused by exposure to acidic or otherwise corrosive substances.
6. This Limited Warranty is void if any fabricating operation damages the Product, or damages the substrate to an extent that the coating film is compromised.
7. This Limited Warranty does not cover damage or failure of Product that is attributable to acts of God, falling objects, external forces, explosions, fire, pollution, abnormal weather conditions, or other such similar or dissimilar occurrences beyond PPG INDUSTRIES' control.
8. This Limited Warranty does not cover damage or failure of Product that is attributable to exposure of the Products to temperatures in excess of 250° F (Fahrenheit), or to acid or other hazardous sources that are known to be, are believed to be, or are damaging to the Product.
9. This Limited Warranty shall not apply where PPG INDUSTRIES Product is mixed, used in combination with, or combined with any other material.
10. This Limited Warranty does not cover damage or failure of Product that is associated with exposure of the coating to the direct influence of zones of salt water unless before the application of the coatings, PPG INDUSTRIES shall have consented in writing to the Company to warrant the Product as applied to the property in a specific location. Zones of salt water shall include, but shall not be limited to any area that is within 1500 feet of a seacoast.
11. This Limited Warranty does not cover any damage or failure of Product related to the application of the Product to the Metal, including, but not limited to, the failure of the Coater to properly pretreat the Metal, apply the Product to the Metal, or cure the coated Metal. Company agrees to look solely to the Coater for any claims or damages relating to the application process.
12. Company's sole and exclusive remedy shall be, and PPG INDUSTRIES' liability under this Limited Warranty shall be limited to, the cost of the coating needed to recoat the Metal coated with the Product that is determined to be defective. For warranty claims relating to the period within one-half the time period set forth in the Warranty Table below for such Product and Environment, PPG INDUSTRIES shall be liable for 100% of such cost; thereafter PPG INDUSTRIES' liability for claims made within the Warranty Period, as defined below shall decline by an equal percentage of such cost in each twelve-month period after one-half the time period set forth in the Warranty Table below for such Product and Environment so that the percentage liability would be 0% at the end of the Warranty Period. Under no circumstances will PPG INDUSTRIES be held liable for any incidental, special, punitive, or consequential damages.



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13. PPG INDUSTRIES' liability with respect to any claim or series of claims shall not exceed in the aggregate three (3) times the invoiced amount for the Product that is the subject of the claim or series of claims, excluding freight costs, VAT, sales and similar taxes, import and export expenses, non-standard packaging costs and other additional costs and expenses.

EXCEPT AS EXPRESSLY PROVIDED ABOVE, IN NO EVENT SHALL PPG INDUSTRIES BE LIABLE UNDER ANY THEORY OF RECOVERY, WHETHER BASED ON NEGLIGENCE OF ANY KIND, STRICT LIABILITY OR TORT, FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE INCIDENTAL OR CONSEQUENTIAL DAMAGES IN ANY WAY ARISING OUT OF THE PURCHASE OF THE PRODUCT OR FROM ANY POSSESSION OR USE MADE OF A PRODUCT.

14. PPG INDUSTRIES must approve any recoating of the Metal substrate through submission of three (3) estimates that includes the name of the coating products to be used. In no event will the applicable Warranty Period, as defined below, be extended by a warranty claim.
15. In the event of any subsequent failure of any recoated or replaced coated Metal, Company shall first make any claims against the supplier of those replacement materials.
16. The warranty for any refinished or replaced metal substrate shall be only for the remainder of the Warranty Period, as defined below, applicable to the original coated metal substrate, provided that PPG shall have approved in writing the material used to do the recoating. If PPG shall not have approved in writing the material used to do the recoating, this Limited Warranty shall be void after such recoating.
17. This Limited Warranty is extended to Company only and shall not inure to the benefit of any other party. PPG INDUSTRIES' name, trademark, or Limited Warranty shall not be used in any warranty given by Company to its customers.
18. This Limited Warranty is non-transferable and non-assignable by Company, and Company shall not permit its agents, representatives, customers, distributors, applicators, or contractors to claim, represent, or imply that this Limited Warranty extends to or is available to anyone other than Company.
19. The applicable warranty period (the "Warranty Period") shall be limited to, and shall in no event extend beyond, the time period as set forth in the Warranty Table or the warranty period extended by Company to its customers, whichever is shorter.
20. This Limited Warranty is subject to all of the conditions and limitations contained in the warranty that Company extends to its customers and shall not be deemed to cover any claim that would not be covered by, or would be excluded from coverage under, the warranty that Company extends to its customers.
21. Any liability of PPG INDUSTRIES hereunder shall be reduced by any amount owed or paid by PPG INDUSTRIES to the Coater with respect to the same defect or failure.
22. PPG INDUSTRIES and Company agree that this Limited Warranty does not constitute an obligation of any kind whatsoever on the part of Company or the Coater to purchase any Product from PPG INDUSTRIES or an obligation on PPG INDUSTRIES' part to sell any Product to Company or the Coater; but rather, it provides the governing terms and conditions as to the parties' respective liabilities and rights if, and when, any such purchase/sale of any of Product occurs.

PPG INDUSTRIES reserves the right to terminate this Limited Warranty at any time upon thirty (30) days advance written notice, except with respect to any Product that shall have already been shipped to the Coater.



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EXCEPT AS SET FORTH HEREIN, PPG INDUSTRIES MAKES NO OTHER EXPRESS WARRANTIES AND DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, WITH RESPECT TO ANY OF THE PRODUCTS.

MISCELLANEOUS:

1. All notices given under or pursuant to this Limited Warranty shall be in writing and documented in any of the following forms: personally delivered or certified mail, postage prepaid, return receipt requested, to the party to whom such notice is to be given as follows:

PPG	PPG Industries, Inc. 125 Colfax Street Springdale, PA 15144 ATTN: Warranties Department	Company:	Kloeckner Metals ("Company") 500 Colonial Center Parkway Suite 500 Roswell, GA 30076 Kloeckner Metals ("Company") 91-104 Kaleloa Blvd Kapolei, HI 96707
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2. This Limited Warranty, including the Warranty Table, contains the entire agreement of the parties with regard to the subject matter of this Limited Warranty and supersedes any prior or contemporaneous agreements, communications, commitments, representations, statements, or warranties relating to the subject matter of this Limited Warranty. No modification of this Limited Warranty shall be of any force or effect unless it shall have been reduced to a writing that specifically references this Limited Warranty and that each party claimed to be bound thereby shall have signed.
3. This Limited Warranty shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania, United States of America without giving effect to any choice or conflict of law provision or rule that would cause the application of the law of any jurisdiction other than Pennsylvania. Any legal suit, action, or proceeding relating to this Limited Warranty or the Products shall be instituted in the federal or state courts sitting in Allegheny County, Pennsylvania. Each party irrevocably submits to the exclusive jurisdiction of such courts in any such suit, action, or proceeding and waives any objection or defense based on lack of jurisdiction or inconvenient forum. The parties also waive the right to trial by jury.
4. This Limited Warranty shall not be enforceable by Building Company until it has signed this Limited Warranty and returned a copy of it to PPG INDUSTRIES. UNTIL SUCH TIME, PPG INDUSTRIES SHALL BE CONSIDERED NOT TO HAVE EXTENDED ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, WITH RESPECT TO ANY OF THE PRODUCTS OR THE COATED METAL.



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In agreement with all provisions set herein, the parties sign intending to be legally bound:

PPG INDUSTRIES, INC.	COMPANY: <u>KLOECKNER METALS CORPORATION</u>
Signature:	Signature: <u>[Signature]</u>
By: Scott Moffatt	By: <u>AARON SMALL</u>
Title: Market Manager	Title: <u>CORPORATE DIRECTOR</u>
Date:	Date: <u>4-26-2018</u>

WARRANTY TABLES

Warranty in years for all Exposure Conditions			
Type of Environment or Location* (Based on ISO 12944-2 atmospheric corrosivity categories)**	Film Integrity (Years)	Color $\Delta E \leq 5.0$ (Years)	Chalking ≥ 8 Rating (Years)
Residential C1 - very low – C2 – low-- Atmospheres with low level of pollution. Mostly rural areas. C3 – medium - Urban and industrial atmospheres, moderate sulfur dioxide pollution. Coastal areas with low salinity.	30	30	30
Industrial C4-high – Industrial areas and coastal areas with moderate salinity. C5-I very high (industrial) – Industrial areas with high humidity and aggressive atmosphere	10	No Warranty	7
***Severe Marine C5-M very high marine – Coastal and offshore areas with high salinity Thick film primer over steel, not required over aluminum	15	15	15
***Severe Marine C5-M very high marine – Coastal and offshore areas with high salinity EXTENDED WARRANTY REQUIRES: Clear coat Thick film primer over steel, not required over aluminum	20	20	20

THIS WARRANTY IS FOR PRODUCTS USED FOR ROOFING, TRIM AND SIDEWALL APPLICATIONS ONLY



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THIS LIMITED WARRANTY APPLIES ONLY TO PRODUCTS SOLD BY PPG INDUSTRIES AND APPLIED TO METAL THAT IS COATED IN THE CONTINENTAL UNITED STATES AND CANADA ACCORDING TO PPG SPECIFICATIONS UNLESS PPG INDUSTRIES SPECIFICALLY AND IN WRITING NOTIFIES COMPANY OR COATER OTHERWISE PRIOR TO SALE OF THE PRODUCT.

PPG INDUSTRIES retains the right to determine the Environmental Location condition during a warranty investigation and may deem the specific warranty performance based on proximity to environmental conditions.

For the purpose of this Limited Warranty, Standard Colors use a group of pigments suitable for the majority of color matches. Some color requests cannot be formulated with durable pigments and will not carry the above mentioned warranty. The Company will be informed as to these exceptions.

*** FOR ALL UNUSUAL ENVIRONMENTS** - Company is required to consult with PPG INDUSTRIES and no warranty shall apply unless specifically agreed to in writing by PPG INDUSTRIES before any installation takes place. PPG INDUSTRIES reserves the right to change the terms of this warranty based on the findings of such environmental exposures and/or conditions.

****The use of the ISO-12944-2 atmospheric corrosivity categories does not imply that this Limited Warranty covers corrosion of any kind.**

*****FOR ALL C-5M APPLICATIONS** - Homeowner or building owner is required by PPG INDUSTRIES to perform annual maintenance of the building in the form of a sweet water rinse (tap water). Homeowner or building owner is required to keep records of such maintenance for the limited warranty to be enforceable.

ADHESIVE OR SEALANT APPLICATIONS - When used in structural applications, adhesive and sealant performance is the responsibility of the adhesive or sealant supplier and not PPG.

This Limited Warranty is intended for use only for those applications shown above. Company is required to consult with PPG INDUSTRIES before any installation takes place if this product is used for a different end use.