



INTERNATIONAL ROOFING WARRANTY - (Revision 3 06/1/06)

ENGLERT, INC. limited warranties for painted aluminum coils and painted and unpainted Galvalume® coils.

I. INTRODUCTION

This warranty covers three separate and distinct products as outlined below:

1. Prepainted Aluminum Warranty

- When located within one mile and over one mile from the seacoast, salt water, or brackish water a 20-year limited warranty on the aluminum and a 20-year limited warranty on PermaColor 2000, PermaColor 3500 ULTRA-Cool® low gloss, and PermaMetallic 2000 paint colors.

2. Prepainted Galvalume® Warranty

- When located over one mile from the seacoast, salt water, or brackish water a 20-year limited warranty on the metal and a 20-year limited warranty on PermaColor 2000, PermaColor 3500 ULTRA-Cool® low gloss, and PermaMetallic 2000 paint colors.
- When located within one mile from the seacoast, salt water, or brackish water there is no warranty on prepainted Galvalume®.

3. Mill Finish Galvalume® Warranty

- When located over one mile from the seacoast, salt water, or brackish water a 20-year warranty on the bare metal (minimum coating weight AZ55).
- When located within one mile from the seacoast, salt water, or brackish water there is no warranty on the bare metal.

NOTE: ONLY PREPAINTED ALUMINUM IS UNDER WARRANTY WHEN THE PRODUCT IS PLACED WITHIN ONE MILE FROM THE SEACOAST, SALT WATER, OR BRACKISH WATER. BARE ALUMINUM IS NEITHER WARRANTED NOR OFFERED FOR SALE IN MILL FINISH APPLICATIONS.

II. GENERAL INFORMATION

Englert Inc., Perth Amboy, New Jersey, (*hereinafter referred to as "Englert"*) hereby issues the following paint finish warranty and base metal warranty to the original and first building owner(s) who are registered purchaser(s) of Englert's coil and flat stock used for formed roofing, fascia, mansard, wall, siding and soffit applications. The warranted paint systems will be the PermaColor / PermaMetallic 2000 and PermaColor 3500 ULTRA-Cool® low gloss, which is comprised of a full-strength 70% Kynar 500®/ Hylar 5000® Fluorocarbon. Aluminum will only be offered as a prepainted product. Galvalume® will be offered in prepaint, as a passivated mill finish, or as an acrylic coated mill finish in both AZ50 or AZ55 (painted application) or AZ55 (bare application); (*hereinafter to be referred to as "Product"*.) Englert warrants to the original and first building owner(s) that its product:

Upon delivery, are free from defects in material, excluding any freight damage. (*The term "free from defects in material" does not include waviness present in the flat/planer areas of Englert's product, due to inconsistency in the metal making process and uneven substrates over which the product in applied, which the industry has accepted as being prevalent and normal.*) Waviness shall not be a cause for a claim under this or any other warranty.

III. ENGLERT INC.'S 20-YEAR PERMACOLOR 2000 / 3500 AND PERMAMETALLIC 2000 PAINT FINISH WARRANTY

The paint finish on Englert's PermaColor 2000 / 3500 and PermaMetallics 2000 is comprised of a full-strength 70% Kynar 500® /Hylar 5000® fluorocarbon paint which will not:

- A. Chip, crack, check, or peel. (*These terms shall not mean deviations to the paint finish as a result of exposed raw edges, or as a result of roll-forming, embossing, and end cutting of Product, which may occur in and during proper fabrication of the Product.*)
- B. Chalk in excess of eight (8) numerical ratings, when installed 0 degrees to 86 degrees from vertical, when measured in accordance with the standard test procedures as specified under ASTM D4214-89.
- C. Fade in excess of five (5) E Units (NBS), when installed 0 degrees to 86 degrees from vertical, measured on exposed painted surfaces which have been cleaned of external deposits, as determined under ASTM D-2244-85, Paragraph 6.3. Color change shall be measured on an exposed, painted surface that has been cleaned or surface soils and chalk, and the corresponding values measured on the original or unexposed, painted surface, equally exposed to the sun and elements.

This paint finish warranty applies only to Englert's pre-painted coils and flat stock in steel or aluminum used for formed roofing, fascia, mansard, wall, siding, and soffit applications and only to Product erected within the Continental United States, Alaska, Hawaii, Canada, or the Caribbean and exposed to normal atmospheric conditions. This warranty does not apply to product exposed at any time to corrosive or aggressive atmospheric conditions, including, but not limited to:

1. Areas subject to salt-water marine atmospheres or to constant spraying of either salt or fresh water. (*Except pre-painted aluminum.*)
2. Areas subject to fallout or exposure to corrosive chemicals, fumes, ash, cement dust, animal waste or its decomposition by-products, carbon black, or fallout from copper, lead, nickel or silver mining or refining operations.
3. Areas subject to water run-off from lead or copper flashing or piping or areas in contact with lead or copper.
4. Conditions/circumstances where corrosive fumes or condensates are generated or released inside the building.

This warranty DOES NOT APPLY in the event of:

This warranty **DOES NOT APPLY** in the event of:

1. T-bends less than 4T inside bend diameter for all coil and flat stock thicknesses.
2. roof or sections of the roof flatter than ¼:12 slope.
3. Mechanical, chemical, or other damage sustained during shipment, storage, forming, fabrication, or during or after erection including damage caused by walking on the roof.
4. Forming which incorporates severe reverse bending or which subjects the coating to alternate compression and tension.
5. Failure to provide free drainage of water, including internal condensation, from overlaps and all other surfaces of the sheets or panels.
6. Moisture entrapment as a result of, but not limited to improper handling, fabrication or installation of the product. **Moisture entrapment will cause product failure.**
7. Failure to remove debris from overlaps and all other surface of the sheets or panels.
8. Damage caused to the metallic coating by improper forming (*including, but not limited to, roll forming, press braking or embossing*) or scouring or cleaning procedures.
9. Deterioration of the panels caused by contact with green or wet or pressure-treated lumber, or wet storage stain caused by water damage or condensation.
10. Presence of damp insulation, soil, vegetation, cement, or other corrosive materials in contact with or in close proximity to the sheets or panels.
11. Deterioration to the panels caused directly or indirectly by panel contact with fasteners or by overdriving the fasteners so as to damage the panel. Selection of suitable long-lasting fasteners to be used with aluminum and Galvalume panels rests solely with the Buyer. Fasteners are to be electrically insulated from the panel surface (*e.g., with elastomeric grommets*) to prevent dissimilar metal contact.
12. Failures caused by acts of God, falling objects, external forces, explosions, fires, riots, civil commotions, acts of war, terrorist acts or radiation.

This paint finish warranty is strictly limited to the Product as outlined herein and shall not apply to failures, leaks, or consequential damages caused by application of the Product. This paint finish warranty is offered to the original building owner(s) only, who is the registered purchaser of the Product, and is not transferable or assignable. Englert expressly precludes others from claiming, representing, or implying that this paint finish warranty extends to or is available to anyone other than the original and first building owner(s). It is the responsibility of the building owner(s) to maintain such identification records for purposes of exercising the rights under this paint finish warranty throughout the duration of the paint finish warranty period. All claims must be submitted in writing to Englert within the paint finish warranty period and within thirty (30) days after discovery of the claimed defect. The claim must describe the defect and refer to the paint finish warranty, date of issuance, and include the name of the contractor and invoice of purchase. Englert will then examine the Product or cause it to be examined. If after inspection by Englert it is determined that the claim is valid and in accordance with the terms of the Warranty, Englert agrees at its option to repair or replace the defective Product. Englert will assume 100% of the cost of refinishing or replacing Product on a non-prorated basis for 20-years (*in accordance with the applied warranty as outlined in Section I*) from the date of installation. The basis for computing cost of refinishing or replacing Product shall be at the current market price. Englert will have sole discretion as to whether the Product is to be refinished, or replaced. If Englert determines that refinishing is

the appropriate measure to be taken, then the building owner(s) shall extend a license to Englert or to any of its authorized representatives or contractors to proceed with uninterrupted work for such refinishing. The building owner(s) shall indemnify and hold Englert or any of its agents, authorized representatives, or contractors, harmless from any damages or claim arising out of or connected with such refinishing, provided that such indemnification shall not extend to acts of negligence by Englert, its agents, employees, authorized representatives or contractors. In the event replacement of Product is deemed necessary by Englert, it shall mean and is limited to Englert furnishing replacement Product only, F.O.B. Perth Amboy, New Jersey. The term "replacement" does not include labor costs of Product removal, fabrication, or installation. The refinished or replaced product shall be warranted for the unexpired term of the original warranty. This paint finish warranty does not confer upon the building owner(s) the right to refinish, restore, repair, or replace Product without a written authorization executed by a duly authorized officer of Englert. Any restoration, refinishing, repairing, or replacement of Product not authorized in writing by a duly authorized officer of Englert shall result in this warranty becoming null and void.

On prepainted aluminum product located less than one mile from a seacoast, salt water, or brackish water, annual maintenance must be performed by the building owner(s) including annual "sweet water" (fresh tap water) rinse in accordance with AAMA 610.1-1979 (copy available upon request). It will be the building owner's responsibility to maintain records to demonstrate this maintenance has occurred and such records must be delivered to Englert upon request. The Product must not be cleaned with abrasive or chemical cleaners and will result in the paint finish warranty to become null and void.

IV. **ENGLERT INC. LIMITED 20-YEAR BASE METAL WARRANTY**

This portion of the warranty applies to the base metal of aluminum and Galvalume as outlined below. The paint finish is covered in Section III.

- A. 20-years on aluminum only as a prepainted product and located less than or greater than one mile from the seacoast, salt water or brackish water.
- B. 20-years on an Englert approved prepainted Galvalume® AZ50 or AZ55 or Galvalume Mill Finish passivated AZ55 or Galvalume Mill Finish Acrylic Coated AZ55 located greater than one mile from the seacoast, salt water or brackish water.
 - The warranty is void for product placed less than one mile from the seacoast, salt water, or brackish water.

Englert's base metal warranty on aluminum and Galvalume (AZ50 or AZ55) is to the original and first building owner(s) from the date of installation for the periods outlined above that the base metal of aluminum and Galvalume® will not rupture, fail structurally, or perforate due to exposure to normal atmospheric conditions, if erected within the Continental United States, Alaska, Hawaii, Canada, or the Caribbean. Visual cosmetic variations caused by weathering of mill finish Product or variation in spangle is specifically excluded from this base metal warranty. The Product shall be free from material defects, excluding any freight damage.

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This warranty **DOES NOT APPLY** to coil and flat stock exposed at any time to corrosive or aggressive atmospheric conditions, including, **BUT NOT LIMITED TO:**

1. Areas subject to salt-water marine atmospheres or to constant spraying of either salt or fresh water. (Except pre-painted aluminum.)
2. Areas subject to fallout or exposure to corrosive chemicals, fumes, ash, cement dust, animal waste or its decomposition by-products, carbon black, or fallout from copper, lead, nickel or silver plating or refining operations.
3. Areas subject to water run-off from lead or copper flashings or piping or areas in contact with lead or copper.
4. Conditions/circumstances where corrosive fumes or condensates are generated or released inside the building.

This warranty **DOES NOT APPLY** in the event of:

1. T-bends less than 4T inside bend diameter for all coil and flat stock thicknesses.
2. Roof or sections of the roof flatter than ¼:12 slope.
3. Mechanical, chemical, or other damage sustained during shipment, storage, forming, fabrication, or during or after erection including damage caused by walking on the roof.
4. Forming which incorporates severe reverse bending or which subjects the coating to alternate compression and tension.
5. Failure to provide free drainage of water, including internal condensation, from overlaps and all other surfaces of the sheets or panels.
6. Moisture entrapment as a result of, but not limited to improper handling, fabrication or installation of the product. **Moisture entrapment will cause product failure.**
7. Failure to remove debris from overlaps and all other surface of the sheets or panels.
8. Damage caused to the metallic coating by improper forming (including, but not limited to, roll forming, press braking or embossing) or scouring or cleaning procedures.
9. Deterioration of the panels caused by contact with green or wet or pressure-treated lumber, or wet storage stain caused by water damage or condensation.
10. Presence of damp insulation, soil, vegetation, cement, or other corrosive materials in contact with or in close proximity to the sheets or panels.
11. Deterioration to the panels caused directly or indirectly by panel contact with fasteners or by overdriving the fasteners so as to damage the panel. Selection of suitable long-lasting fasteners to be used with aluminum and Galvalume panels rests solely with the Buyer. Fasteners are to be electrically insulated from the panel surface (e.g., with elastomeric grommets) to prevent dissimilar metal contact.
12. Failures caused by acts of God, falling objects, external forces, explosions, fires, riots, civil commotions, acts of war, terrorist acts or radiation.

This base metal warranty applies only to Product used for formed roofing, fascia, mansard, wall, siding, and soffit applications and only to Product erected within the Continental United States, Alaska, Hawaii, Canada, or the Caribbean which have been exposed to normal atmospheric conditions.

This base metal warranty is strictly limited to the Product as identified above and shall not apply to failures, leaks, or consequential damages caused by application of the Product. This base metal warranty is offered to the original building owner(s) only, who is the registered purchaser of the Product, and is nontransferable or assignable. Englert expressly precludes others from claiming, representing or implying that this warranty extends to or is available to anyone other than the original and first building owner(s). It is the responsibility of the building owner(s) to maintain such identification records for purposes of exercising the rights under this base metal warranty throughout the duration of the base metal warranty period.

All claims must be submitted in writing to Englert within the base metal warranty period and within thirty (30) days after discovery of the claimed defect. The claim must describe the defect and refer to this base metal warranty number and the date of issuance, and to include the name of the contractor and invoice of the purchase. Englert will then examine the Product or cause it to be examined. If, after inspection, it is determined by Englert that the claim is valid in accordance with the terms of the base metal Warranty, Englert agrees, at its option, to repair or replace the defective Product. Englert will assume 100% of the cost of repairing or replacing Product for: 20-years on the base metal of prepainted aluminum, 20-year limited metal warranty for prepainted Galvalume AZ55 and AZ50 with a 20-year limited warranty on the PermaColor 2000, PermaColor 3500 ULTRA-Cool® low gloss, and PermaMetallic 2000 paint colors. A limited metal warranty of 20-years is given for Mill Finish Galvalume in AZ55 coating weight. The above is outlined in Section IV; A and B above. The basis of computing cost of repairing or replacing Product shall be the current market price. Englert has sole discretion as to whether the Product is to be repaired or replaced. If Englert determines that repairing is the most appropriate measure to be taken, the building owner(s) shall extend a license to Englert or to any of its authorized representatives or contractors to proceed with uninterrupted work for such repairing of Product. The building owner(s) shall indemnify and hold Englert or any of its agents, authorized representatives, or contractors, harmless from any damages or claims arising out of or connected with such repair, provided however, that such indemnification shall not extend to acts of negligence by Englert, its agents, employees authorized representatives or contractors.

Repaired or replaced Product shall be warranted for the unexpired term of the original base metal warranty. The term "replacement" shall mean and is limited to Englert furnishing replacement Product only F.O.B., Perth Amboy, New Jersey. The term "replacement" does not include labor costs of Product removal, fabrication, or installation. This base metal warranty does not confer upon the building owner(s) the right to refinish, restore, repair, or replace product without a written authorization executed by a duly authorized officer of Englert. Any restoration, refinishing, repairing, or replacement of Product not authorized in writing by a duly authorized officer of Englert shall result in this warranty becoming null and void.