PABCO® LIMITED SHINGLE WARRANTY

This warranty is only valid when PABCO' shingles are purchased and applied in the United States or Canada. This warranty specifically warrants that PABCO shingles are free from manufacturing defects that adversely affect their performance. The major warranty provisions and limitations described herein are shown in the attached Reference Tables.

LIMITED LIFETIME WARRANTY:

For designated products, the Limited Lifetime Warranty is offered to the original homeowner on single family residential structures only. Single family residential structures do not include commercial structures of any kind, apartments, townhomes, condominiums, or other structures where multiple dwelling units are covered by a common roof. The Limited Lifetime Warranty is prorated in the same manner as the 50-year limited warranty except prorating ends at year 40. After 40 years, the number of months remaining on warranty is held at 120 (that is, 600 months initial - 480 months of use). For purposes of this warranty, the original homeowner is defined as:

- The original purchaser/occupier of the dwelling, or
- The purchaser/occupier at the time of PABCO® shingle installation.

TRANSFERABILITY:

Upon transfer of ownership, the Limited Lifetime Warranty coverage ceases and reverts to a fully transferable, prorated 30-year or 50-year warranty period (see Reference Tables for details). See "Prorated Coverage" (as described below) for details.

WARRANTY FOR ALL OTHER STRUCTURES:

The Limited Lifetime Warranty is only applicable to single family residential structures. The warranty lengths for all other structures are shown in Reference Table 2 and range from 30 years to 50 years (excluding the special limited coverage detailed below under the terms of the Non-Ventilated Roof Deck Warranty). These structures include, but are not limited to, non-residential structures of any kind, apartments, town homes, condominiums, or other structures where multiple dwelling units are covered by a common roof.

WARRANTY LIMITS:

Excluding "Non-Ventilated Roof Decks", the warranty term for PABCO° shingles varies from 30 years to a Limited Lifetime depending on the type of shingle purchased (see Reference Tables). PABCO°'s warranty obligation to the owner ends when:

- 1. The shingles reach the end of their warranted life as set forth in the Reference Tables.
- 2. The then-current owner re-roofs with another product.
- 3. A claim settlement has been reached which includes and requires a release of all future liabilities.

VENTILATION REQUIREMENTS:

To prevent harmful condensation, air must circulate freely under the roof deck with air flow in all areas. A minimum of 1 ft² of total net free ventilating area is required for each 150 ft² of ceiling area. 1 ft² for each 300 ft² of ceiling area may be allowed if at least 40% and not more than 50% of the required ventilating area is provided by attic exhaust vents located in the uppermost portion of the attic or rafter spaces. Roof systems that are not in compliance with this ventilation requirement are considered a "Non-Ventilated Roof Deck". For these roof systems, the warranty protection is limited to 10 years of prorated coverage for replacement of shingles which exhibit a manufacturing defect.

NON-PRORATED COVERAGE:

The period for non-prorated protection against manufacturing defects that adversely affect shingle performance can run up to 15 years, depending on the product and application. See the Reference Tables (and "Ventilation Requirements" above) for product specific details.

This non-prorated protection period includes replacement product (if available) and reasonable installation costs to repair, replace, or recover the roof, as PABCO determines, after a formal claim has been processed and accepted. Reasonable tear-off and disposal costs may be covered for certain products (see Reference Tables for details).

PABCO° reserves the right to substitute product of similar quality and color if original product is not available. Items not covered under this limited warranty include metal work, flashing, or other related work. After the "Non-Prorated Warranty Coverage" expires, PABCO* will base the settlement on the number of months of use that the shingles have performed through the date of the filing of the claim, and reduce the amount of payment proportionally for the balance of the warranty. The Prorated Coverage is described below.

PRORATED COVERAGE:

Protection during the balance of the warranty against manufacturing defects that adversely affect shingle performance is known as "Prorated Coverage". It is limited to the reasonable cost of replacement shingles (reduced by the months of use); OR the cost to repair, replace, or recover the defective shingles as determined after a formal claim has been processed and accepted, whichever is less. PABCO*, at their sole discretion, reserves the right to provide replacement shingles as an alternative to paying the cost to repair or replace defective shingles.



PRORATED COVERAGE (CONTINUED):

Example of a Prorated Warranty Value Calculation:

(45 squares of PABCO Premier*, claim settled, 16 years and 3 months after installation. Original owner, Limited Lifetime Warranty.)

A = number of affected squares = 45 squares

B = \$65 (example - reasonable cost per square of replacement shingles)

C = number of months remaining on warranty = 600 months - 195 months (16 years +3 months) = 405 months

D = total length for prorated warranty coverage (in months) = 600 months

Prorated Warranty Value = $(A \times B \times C) / D = (45 \times 65 \times 405) / 600 = $1,974.38$

ALGAE DEFENDER™:

PABCO[®] manufactures and makes available (on a regional basis) different types of algae resistant shingles featuring Algae Defender[™]. Shingles designated and sold as Algae Defender[™] are warranted to be free from obvious and unsightly black streaks caused by blue-green algae (cyanobacteria) for the "Algae Resistance Warranty" coverage period indicated in the Reference Tables.

When that coverage is Limited Lifetime, if Algae Defender[™] shingles develop obvious and unsightly black streaks caused by blue-green algae (cyanobacteria) within the first 20 years after application, PABCO[®] will repair, replace, or clean the affected shingles at our discretion. If these roofs develop said algae growth after the first 20 years, PABCO[®] will cover the prorated cost of cleaning for the balance of the warranty coverage period. The prorated cost shall be calculated based on the actual cost to clean and months of usage in the same manner as the manufacturing defect warranty detailed above.

The Limited Lifetime coverage applies to the original owner for a single-family residence only. Upon change of ownership, the Limited Lifetime coverage terminates and the subsequent owner(s) shall have warranty coverage for 20 years from the date of application. For applications where the Algae Defender™ warranty coverage is for 20 years or 10 years, PABCO* will repair, replace, or clean the affected shingles at our discretion without proration for that designated coverage period. For these applications, Algae Defender™ warranty coverage terminates at the end of that designated coverage period.

This coverage is limited to obvious and unsightly black streaks caused by blue-green algae (cyanobacteria) and does not apply to green algae, moss, mold, or any other staining determined not to be blue-green algae (cyanobacteria). To qualify for the Algae Defender™ warranty, both the shingles and the hip and ridge must feature Algae Defender™.

• WIND WARRANTY PROTECTION:

The Reference Tables detail the maximum wind velocity and length of coverage for the Wind Warranty protection for each shingle product. The high wind warranty is available for new construction, re-roof with complete tear-off, or roof-over applications (must have prior approval from PABCO* Roofing Products). Eligible shingles must be properly installed with 6 nails, PABCO* Universal Starter at the rakes and eaves, and Paramount* Starter at the eaves (when required). See the Application Instructions for the product being installed for additional details. This Wind Warranty protection does not apply to shingles which have not yet had the time and temperature exposure needed for Thermal Sealing (as defined below).

Thermal Sealing of Self-Sealing Shingles Defined: PABCO° shingles contain self-sealing asphalt strips that must be subjected to direct warm sunlight to reach a temperature that activates the sealant strip before thermal sealing will occur. When shingles are installed during cool weather conditions, they may not seal until the temperature is high enough and lasts long enough to develop sealing conditions. Shingles applied in winter months which do not receive direct sunlight do not reach adequate surface temperatures and may not seal. This is the nature of self-sealing shingles and failure to seal under these conditions is not a manufacturing defect.

• WHAT IS NOT COVERED:

PABCO° is not liable under this limited shingle warranty due to any roof failure other than those caused by manufacturing defects in the shingles. PABCO° is not responsible for application, performance, or the consequences of failures of the full roof system unless the failure is resulting from a manufacturing defect in the shingle. While this warranty describes certain benefits available to the owner, it is not an assurance that the shingles will remain serviceable for the length of the entire warranty period. In addition, after the shingles leave the manufacturing facility, they may be subjected to conditions and handling that affects their performance which is beyond PABCO°'s control. This warranty does not cover conditions that may affect product performance but are not related to manufacturing defects including, but not limited to the following:

- 1. Violent, unusual weather conditions or acts of God such as, but not limited to, hail storms, lightning, or winds greater than the wind limits stated for each shingle product in the Reference Tables.
- 2. Shingles applied with fewer than 4 nails in the proper location on the shingle (5 nails for Cascade™, Paramount® and Paramount Advantage®) applied and exposed to normal wind areas or shingles applied with fewer than 6 nails in the proper location on the shingle as indicated on the product packaging in areas where local knowledge indicates exposure to high winds is likely to occur.
- 3. Damage or long term consequences to the shingle roof system resulting from or caused by structural changes, alterations, additions, settlement, distortion, failure, or cracking of roof deck, walls, or foundation of the building or caused by the installation of equipment such as signs, air-conditioning equipment, or solar devices installed in, on or above the shingle roof system.
- 4. Damage to the shingles caused by coating, painting, or cleaning of the shingles.
- 5. Defects in, or failure of, or damage caused by materials used as a roofing base over which the shingles are applied.
- 6. Damage caused by traffic of any kind on your roof.
- 7. Shingles installed on "Geodesic Dome" construction are not warranted nor approved under any circumstances.

- 8. Appearance-related issues where there is no failure of the performance of the shingles including, but not limited to, surface cracks, fissures, granule loss, or coloration.
- 9. Damage to the sealant strip caused by dust, sand, or foreign matter preventing the sealant strip from activating and sealing the roofing shingles.
- 10. Damage to or failure of the roof system resulting from failure to follow the maintenance practices detailed in the PABCO* technical bulletin Recommended Maintenance Practices. A copy of this technical bulletin is available upon request or on our website: www.pabcoroofing.com.
- PABCO* reserves the right to discontinue or modify any of its shingle products, including the color of the shingles, without notice to the present owner and shall not be liable for any such discontinuance or modification.

• DISCLAIMER OF WARRANTIES:

PABCO® WARRANTS THAT ON THE DATE THE SHINGLES ARE MANUFACTURED AND FOR SHINGLES APPLIED ON OR AFTER JANUARY 1, 2018, THEY WILL MEET PABCO®'S STANDARD SPECIFICATIONS FOR THE RESPECTIVE SHINGLE AND WILL BE FREE FROM DEFECTS IN MATERIAL AND MANUFACTURE SUBJECT TO THE LIMITATIONS AND EXCLUSIONS DESCRIBED WITHIN THIS LIMITED SHINGLE WARRANTY DOCUMENT. THE WARRANTY CONTAINED IN THE PRECEDING SENTENCE IS THE EXCLUSIVE WARRANTY GIVEN BY PABCO® AND SUPERSEDES ANY PRIOR, CONTRARY OR ADDITIONAL REPRESENTATIONS, WHETHER ORAL OR WRITTEN. IN ADDITION, THIS LIMITED WARRANTY REPLACES AND SUPERCEDES ALL PRIOR WARRANTIES. PABCO® HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES — WHETHER EXPRESS, IMPLIED OR STATUTORY — INCLUDING ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES OTHERWISE ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

• LIMITATION ON LIABILITY IN NO EVENT SHALL PABCO* ROOFING PRODUCTS BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, INCLUDING ANY DAMAGE TO THE BUILDING, ITS CONTENTS, OR ANY PERSONS THEREIN.

THE CLAIM PROCESS:

To initiate a claim against this warranty, PABCO* must be notified within 30 days of discovery of a claimed manufacturing defect, prior to roof repairs or replacement, or the expiration of the warranty. The claimant may call PABCO* at 1.800.426.9762 or 253.272.0374 so that a claim packet can be forwarded to them. PABCO* may also be reached at www.pabcoroofing.com or send a letter addressed to PABCO* Roofing Products, Warranty Claims, 1476 Thorne Road, Tacoma, WA 98421. When a claim packet is submitted, the homeowner's section must be filled out completely, signed, and dated. The claimant must provide proof of purchase, 3 full shingles that clearly demonstrate the claimed defect, and provide photos which show the scope of the complaint. All required claim information is the responsibility of the claimant, and is to be forwarded to the address above at the cost of the claimant before the warranty has expired as described above in "Warranty Limits". All photos, samples, and/or documents provided become the property of PABCO* and may not be returned. Once received, the complaint will be analyzed per the terms and limitations described in this warranty and PABCO* will formally respond to the claimant in 45 days.

• WARRANTY REGISTRATION:

Registration of the warranty is encouraged but not required. You may register online at www.pabcoroofing.com/warranty-registration. Alternatively, you may fill out the registration card below and mail it to: PABCO* Roofing Products, Warranty Registration, 1476 Thorne Road, Tacoma, WA 98421.

Revised 2/15/18

Owner's Name	PABCO® Product And Color
Address	Quantity Applied
City/State/Zip Code	Date Of Application
Phone Number (including area code)	Owner's Signature

REFERENCE TABLE 1 WARRANTY - SINGLE FAMILY RESIDENCE

Product	Warranty, Original Homeowner	Subsequent Homeowners Warranty/Transferability	Non-Prorated Coverage	Wind Warranty Coverage	Warranted Wind Velocity (Standard application/ high wind application)	Algae Resistance Warranty
Paramount Advantage®	Limited Lifetime	50 Years Fully Transferable	15 years†	15 years	110 mph/130 mph	Limited Lifetime
Paramount®						
Cascade™						
Premier Advantage®						
Premier Radiance® Elite						
PABCO Premier® Elite						
PABCO Prestige™						
PABCO Premier® Professional						
Premier Radiance®	Limited Lifetime	30 Years Fully Transferable	15 Years††	15 Years	110 mph/130 mph	Limited Lifetime
PABCO Premier®						
Tahoma®	30 Years	30 Years Fully Transferable	5 Years††	5 Years	60 mph	20 Years
Any PABCO® shingle installed over any non-ventilated deck	10 Years	10 Years Fully Transferable	0 Years	1 Year	60 mph	10 Years

REFERENCE TABLE 2 WARRANTY - ALL OTHER STRUCTURES

Product	Warranty	Transferability	Non-Prorated Coverage	Wind Warranty Coverage	Warranted Wind Velocity (Standard application/ high wind application)	Algae Resistance Warranty
Paramount Advantage® Paramount® Cascade™	50 Years	1 Transfer	15 years†	15 years	110 mph/130 mph	20 Years
Premier Advantage® Premier Radiance® Elite PABCO Premier® Elite PABCO Prestige™ PABCO Premier® Professional						
Premier Radiance® PABCO Premier®	40 Years	1 Transfer	15 Years††	15 Years	110 mph/130 mph	20 Years
Tahoma®	30 Years	1 Transfer	5 Years††	5 Years	60 mph	20 Years
Any PABCO® shingle installed over any non-ventilated deck	10 Years	1 Transfer	0 Years	1 Year	60 mph	10 Years

See the full warranty text for details.

 $\dagger Reasonable$ cost of replacement material, installation labor, tear-off, and disposal.

 $\dagger\dagger Reasonable$ cost of replacement material and installation labor.

Revised 2/15/18

ORIGINAL HOMEOWNER WARRANTY REGISTRATION

Complete back side, cut along the dotted line and mail to: PABCO® Roofing Products, Warranty Registration 1476 Thorne Road, Tacoma, WA 98421

