



901 Washington Street, Conshohocken, PA 194287 Phone: 800-533-3002

Burger King – Weather Barrier Coatings Specifications

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK

Extent of Weather Barrier Burger King's Coating Systems work is indicated on the specification and is further defined by provisions of this section that includes roofing, flashing and reinforcing of joints and junctions, and roof accessories integrally related to roof installation. Areas to be re-roofed include positive slope existing roofs as indicated on the specification. Final determination of the fitness of the Weather Barrier System, or its components, for any given roof may be made by a member of Weather Barrier Technical Department or company authorized personnel.

1.02 QUALIFIED APPLICATOR

A. Applicator Qualifications: A Weather Barrier qualified applicator must apply the Weather Barrier System for the warranty to be valid for 5 years from date of completion. For a list of qualified contractors please call 800-843-9800 ext. 111 or 610-476-6073.

1.03 JOB CONDITIONS

A. Proceed with work only when existing and forecasted weather conditions will permit work to be performed in accordance with Weather Barrier recommendations and warranty requirements as follows:

1. Do not begin work if rain is expected within twenty-four hours of application, or if temperatures are expected to fall below 50EF or 10EC during the duration of the job. Do not apply coating air or surface temperature is within 5EF of the dew point.
2. High end temperature restriction (both air and substrate) for application of Weather Barrier products is 120EF. If substrate temperatures exceed 120EF, recommend that Weather Barrier products be applied during cooler periods of the day. If this is not practical, the substrate can be cooled with water, and then Weather Barrier products applied just after the water has flashed-off. No moisture can be present when applying Weather Barrier products. Weather Barrier products applied to substrates at elevated temperatures (above 120EF) may experience blistering.
(NOTE: Darker colored substrates have higher surface temperatures)
3. Take into consideration curing properties of Weather Barrier Coating Systems; allow for sufficient daylight hours necessary for curing of materials.
4. Other weather and environmental conditions to consider are mist, dew, condensation and relative humidity. These factors can affect Weather Barrier drying times and, under extreme conditions, can result in product inconsistencies or possible wash-off.



901 Washington Street, Conshohocken, PA 194287 Phone: 800-533-3002

- B. Questionable Substrates: If any questions arise regarding the compatibility of Weather Barrier products with an existing substrate, Installer shall prepare test patches to check adhesion. Always contact Weather Barrier's Technical Department concerning questionable substrates, required additional information and recommended test patch materials.

1.07 PRODUCT HANDLING

Store and handle Weather Barrier materials in a manner that shall ensure there is no possibility of contamination. Store in a dry, well ventilated, weather-tight place at temperatures between 50EF and 80EF until product is ready to be applied (keep from freezing). Do not stack material pallets more than two high. Do not subject existing roof to unnecessary loading of stockpiled materials. Please note that all Weather Barrier water-based products are packaged in plastic containers, with the exception of one-gallon containers.

1.08 WARRANTIES

Provide Weather Barrier System Warranty per the requirement of the Burger King's owner/operator and/or Project Coordinator. See attached warranty.

Completed Warranty Registration must be returned to Weather Barrier with appropriate Applicator and Owner signatures no later than 30 day's after issuance by Weather Barrier.

1.09 TREATMENT OF SEAMS, FLASHING, FASTENERS

- A. Encapsulate all fasteners on metal roofs with Weather Barrier 1750 Mastic (approximately 800 fasteners per gallon)
- B. Flash all horizontal seams on metal roofs with Weather Barrier 1750 Mastic, then embed 4" Weather Barrier 302 polyester fabric, and cover the mesh with Weather Barrier 1750 Mastic (approximately 75 linear feet per gallon)
- C. Flash all vertical seams on corrugated metal roofs with Weather Barrier 1750 Mastic (approximately 180 linear feet per gallon).
- D. Flash all curbs, vent pipes, pinholes and other penetrations on metal panels and skylights with Weather Barrier 1750 Mastic, then embed Weather Barrier 302 polyester fabric and cover the mesh with Weather Barrier 1750 Mastic (approximately 75 linear feet per gallon).
- E. Weather Barrier Wall Coatings are designed to fill hairline cracks (less than 1/16") by brushing into the cracks. Allow 2-4 hours to dry.
- F. Weather Barrier 1750 Smooth Mastic or Weather Barrier Crack Cover Textured Mastic is recommended for larger cracks (1/8" or greater), brushed at a rate of 50-75 linear feet per gallon. Allow 2-4 hours to dry.



901 Washington Street, Conshohocken, PA 194287 Phone: 800-533-3002

PART 2 -SYSTEMS

PREPARATION OF SUBSTRATES FOR WEATHER BARRIER COATING SYSTEMS

2.01-A ASPHALT SHINGLE ROOF:

SURFACE PREPARATION: All surfaces to be coated with Weather Barrier Roofing Systems must be pressure washed clean, dry and sound. Remove loose or peeling old paint, dirt, granules, biological growth and other surface contaminants by sweeping, vacuuming or power blowing. Granule removal is most easily done when the shingles are cool. Remove and replace any loose, curled or damaged shingles.

(degreasing the roof is required during pressure washing to remove all grease from roof prior to painting)

SYSTEM:

- Apply one coat of Weather Barrier 1850 Primer/Sealer @ 300 square feet per gallon.
- Apply one coat of Weather Barrier Burger King's Roof Coating at 75-100 square feet per gallon. (6 mils dft)
- Apply one coat of Weather Barrier Burger King's DTM Blue Coating with hardener @ 3 mils dft.

2.01-B BARREL TILE ROOF:

SURFACE PREPARATION: All surfaces to be coated with Weather Barrier Roofing Systems must be pressure washed clean, dry and sound. Remove loose or peeling old paint, dirt, biological growth and other surface contaminants by sweeping, vacuuming or power blowing. Remove and replace any loose, missing or damaged tiles. *(degreasing the roof is required during pressure washing to remove all grease from roof prior to painting)*

(If tiles have a clear coat finish on them a light sanding of the tile is recommended for better adhesion of the coating system)

SYSTEM:

- Apply one coat of Weather Barrier 894 Epoxy Mastic @ 3-5 mils dft.
- Apply two coats of Weather Barrier BK Blue 890 Acrylic Urethane @ 2 mils dft per coat.



901 Washington Street, Conshohocken, PA 194287 Phone: 800-533-3002

2.01-C METAL STANDING SEAM:

SURFACE PREPARATION: All surfaces to be coated with Weather Barrier Roofing Systems must be pressure washed clean, dry, sound, and dull. Remove all loose, flaking or powdery rust or old paint by wire brushing if it has not been removed during pressure washing.

Sanding is needed to reduce the gloss of a previous coating to ensure good adhesion.

Replace and/or refasten all loose or missing screws.

Make any necessary repairs to the metal roof using standard roofing practices as defined by the NRCA.

All cleaned rust areas must be treated with Weather Barrier 5003 Rust Inhibiting Primer to prevent further deterioration of the metal. All surfaces must be clean, dry and sound.

(degreasing the roof is required during pressure washing to remove all grease from roof prior to painting)

SYSTEM:

- Apply one coat of Weather Barrier 894 Epoxy Mastic @ 3-5 mils dft.
- Apply two coats of Weather Barrier BK Blue 890 Acrylic Urethane @ 2 mils dft per coat.

2.02 WALLS

2.02-A MASONRY

Brick, Concrete, CMU, Split face Block, Stucco and EIFS

SURFACE PREPARATION: The surface should be thoroughly cleaned to remove dirt, grease, peeling paint, chalk and air pollution deposits ideally by power washing. Wire brush, acid etch, or blast clean as necessary.

NEW CONCRETE, STUCCO, CONCRETE BLOCK (CMU) should cure for at least 30 days before coating. Remove loose or excess mortar, efflorescence, laitance and concrete form release compounds that reduce adhesion. Seal chalky or porous masonry with Weather Barrier 1850 Primer/Sealer after cleaning.

PREVIOUSLY PAINTED SURFACES: The surface must be firm, free of loose paint, chalk, oil, grease, air pollution contaminants and mildew. Weather Barrier strongly recommends power washing to remove these contaminants. Rinse thoroughly and allow to dry before coating.

Refer to section 1.09 for treatment of crack and flashing repair.

SYSTEM:

- Apply Weather Barrier 1850 Primer/Sealer at a rate of 300-400 square feet per gallon to unpainted masonry.
- Apply two coats of Weather Barrier Burger King's 6500 Tinsmith at 300-400 square feet per gallon per coat.



901 Washington Street, Conshohocken, PA 194287 Phone: 800-533-3002

2.02-C WOOD SIDING

SURFACE PREPARATION: The surface should be thoroughly cleaned to remove dirt, grease, peeling paint, chalk and air pollution deposits ideally by power washing.

PREVIOUSLY PAINTED SURFACES: The surface must be firm, free of loose paint, chalk, oil, grease, air pollution contaminants and mildew. Weather Barrier strongly recommends power washing to remove these contaminants. Rinse thoroughly and allow to dry before coating. Refer to section 1.09 for treatment of crack and flashing repair.

SYSTEM:

- Apply Weather Barrier 1850 Primer/Sealer at @ 300 square feet per gallon
- Apply two coats of Weather Barrier 6500 Tinsmith @ 2-3 mils per coat.

2.02-D WOOD TRIM

SURFACE PREPARATION: The surface should be thoroughly cleaned to remove dirt, grease, peeling paint, chalk and air pollution deposits ideally by power washing.

PREVIOUSLY PAINTED SURFACES: The surface must be firm, free of loose paint, chalk, oil, grease, air pollution contaminants and mildew. Weather Barrier strongly recommends power washing to remove these contaminants. Rinse thoroughly and allow to dry before coating. Refer to section 1.09 for treatment of crack and flashing repair.

SYSTEM:

- Apply Weather Barrier 1850 Primer/Sealer @ 300 square feet per gallon.
- Apply two coats of Weather Barrier Wall Coating 6 mils dft. per coat.



901 Washington Street, Conshohocken, PA 194287 Phone: 800-533-3002

2.03 WALLS – VERTICAL TRIM

2.03-A METAL

Railing, Doors, Trim (anodized aluminum) Light Poles, Gutters, Downspouts, Ladders, Catwalks, Bollards, Wall Caps and Fencing

SURFACE PREPARATION: All surfaces to be coated with Weather Barrier DTM Systems must be pressure washed clean, dry, sound, and dull. Remove all loose, flaking or powdery rust or old paint by wire brushing if it has not been removed during pressure washing. Sanding may be needed to reduce the gloss of a previous coating to ensure good adhesion.

All cleaned rust areas must be treated with Weather Barrier 5003 Rust Inhibiting Primer to prevent further deterioration of the metal. All surfaces must be clean, dry and sound.

All rust must be completely covered by the Weather Barrier 5003. After spot treatment of the cleaned rusted areas, a full coat of Weather Barrier 5003 Rust Inhibiting Primer should be applied to the entire surface.

SYSTEM:

- Apply Weather Barrier 5003 Rust Inhibiting Primer @ 3-5 mils dft.
- Apply two coats of Weather Barrier Burger King's DTM Coating at 3 mils dft per coat.