HULK SYSTEMS® STPE TIERED MATERIAL WARRANTY PROGRAM

SECTION 1: PROGRAM OVERVIEW AND COMPETITIVE POSITIONING

The Hulk Systems® STPE (Silyl Terminated Polyether) fluid-applied membrane bridges the gap between the exceptional UV stability of silicone and the superior mechanical toughness of polyurethane. Our moisture-curing, single-component STPE chemistry contains zero isocyanates, allowing for massive single-lift applications of up to 60 mils without outgassing, bubbling, or pinholing.

Because STPE readily accepts new layers of STPE with minimal surface preparation, Hulk Systems offers a highly disruptive, indefinite renewal cycle. This program is designed specifically to compete against, and outlast, legacy "lifetime" silicone and NDL (No Dollar Limit) urethane warranties.

The Material Replacement Guarantee

The foundational liability of the manufacturer is strictly limited to product replacement in the event of a manufacturing defect. The cost of labor, tear-off, and surface preparation is the responsibility of the Certified Field Contractor or the Building Owner. Therefore, the length of the warranty is mathematically gated entirely by applied Dry Film Thickness (DFT) and strict substrate preparation.

The Warranty Tiers

Warranty lengths in the fluid-applied roofing industry are direct mathematical derivatives of Dry Film Thickness (DFT) and the subsequent volume of sacrificial material available. Pedestrian & Service Traffic Requirement: For any roof sections subjected to regular foot traffic or mechanical servicing, an approved roofing aggregate must be broadcast into the topcoat to ensure slip resistance and protect the membrane against abrasion and impact.

- **5-Year Limited Warranty (Light Duty / Preventative):**
  - **DFT Requirement**: 20 mils minimum.
  - **Coverage Rate:** ~80 sq. ft. / gallon.
  - **Application:** Preventative maintenance and light-duty protection on well-conditioned substrates. Excellent for extending the life of roofs that do not yet require a heavy-duty overhaul.
- **10-Year Limited Warranty (Standard Duty):**
  - **DFT Requirement**: 30 mils minimum.
  - **Coverage Rate:** ~54 sq. ft. / gallon.
  - **Application:** Aged metal roofs, single-ply recovers with moderate traffic. Requires localized 30-mil detail coats on seams, fasteners, and penetrations prior to field application.
- **15-Year Limited Warranty (Heavy Duty):**
  - **DFT Requirement:** 45 mils minimum.
  - **Coverage Rate:** ~36 sq. ft. / gallon.
  - **Application:** Commercial properties with high-UV exposure, moderate ponding, or thermal cycling.
- **20-Year Limited Warranty (Severe Duty):**
  - **DFT Requirement:** 60 mils minimum (applied in a single lift).
  - **Coverage Rate:** ~27 sq. ft. / gallon.
  - **Application:** Critical infrastructure, severe weather zones. Requires a mandatory 30-mil detail coat on structural cracks/dynamic corners, followed by the 60-mil field coat (yielding up to 90 mils in critical stress zones).
- **Extreme Duty / Fluid-Applied Membrane (Renewable Baseline):**
  - **DFT Requirement:** 120 mils minimum.
  - **Coverage Rate:** ~13.5 sq. ft. / gallon.
  - **Application:** Plaza decks, high-traffic zones, foundational waterproofing.
  - **Renewal:** Indefinitely renewable at the end of the term via a standard wash and recoat application (typically a 20-mil topcoat).

SAMPLE

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Mandatory Gating Requirements (Substrate Preparation)

- Universal Requirement: Adhesion testing must verify pull-off strength exceeds 1,000 psi or demonstrate cohesive failure of the substrate.
- Metal: Pressure wash (2,500-2,700 psi), wire brush loose rust. Generic rust converters are strictly prohibited. Treat remaining corrosion as specified by Hulk Systems and use an approved corrosion-resistant primer.
- Single-Ply (EPDM, TPO, PVC): Pressure wash. EPDM requires an EPDM-specific tie-coat primer. TPO/PVC requires scrubbing with non-filming detergent; smooth TPO requires a thermoplastic adhesion promoter.
- Modified Bitumen/Asphalt: Wash away loose granules. (No asphalt bleach-blocker required due to STPE's chemical resistance).
- Concrete/Masonry: Mechanically prep to remove laitance/curing compounds. Damp/green concrete is acceptable if adhesion >1,000 psi.
- Insulation/Wood: Securely fasten decking. Fill gaps in XPS/EPS > 1/16" with spray foam or thickened STPE putty.

SECTION 2: MANDATORY DOCUMENTATION PROTOCOL

To formally register and validate the warranty, the Certified Contractor must submit the following five documents. Without these documents demonstrating mathematical consumption and environmental compliance, the warranty will not be issued.

Document 1: Contractor Registration & Project Intent Form Submitted prior to application. Must detail the existing roof assembly, square footage, targeted warranty tier (10/15/20), and the calculated number of gallons to be purchased. This establishes the baseline for material reconciliation.

Document 2: Mock-Up Adhesion Test Log Documenting the mandatory field adhesion testing that must be performed on a mock-up test area for every individual substrate type prior to full-scale application. The log must verify that pull-off adhesion strength exceeds the required 1,000 psi (per ASTM D4138) or demonstrates cohesive failure of the substrate. If acceptable adhesion is not initially met, the use of an approved primer must be documented and re-tested here before application begins.

Document 3: Daily Environmental & Substrate Log A daily record proving application occurred within approved parameters. Must log: Ambient Temperature (Range: 35°F-95°F / 2°C-35°C; STPE custom formulation limit: 25°F / -4°C), Substrate Temperature (35°F-120°F / 2°C-48.9°C), Relative Humidity, and Dew Point. Application must not occur over ice/frost or if precipitation is anticipated within two hours.

Document 4: Material Reconciliation & Quality Control Report The primary safeguard against under-application. This document mathematically reconciles the actual quantity of product consumed on-site (gallons used) against the total square footage to prove the targeted Dry Film Thickness (30, 45, or 60 mils) was achieved. Wet Film Thickness (WFT) gauge photos are required but secondary to total material consumption.

Document 5: Owner's Permanent Maintenance File A handover document detailing mandatory maintenance gating. Shifts ongoing liability to the building owner. Includes:

- Annual Inspections: Logs clearing drainage systems, inspecting seams/laps/penetrations, noting mechanical damage, and checking flashings.
- Event-Driven Inspections: Logs post-severe weather (hail, high wind) or third-party mechanical interventions on the roof.

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SECTION 3: WARRANTY CERTIFICATE TEMPLATE

HULK SYSTEMS® STPE [5/10/15/20]-YEAR LIMITED MATERIAL REPLACEMENT WARRANTY

WARRANTY NUMBER: [Insert Number]

WARRANTY TERM: [5, 10, 15, or 20] Years

EFFECTIVE DATE: [Date of Substantial Completion]

EXPIRATION DATE: [Date]

BUILDING OWNER: [Owner Name]

BUILDING NAME / ADDRESS: [Project Address]

ROOF AREA COVERED (SQ. FT.): [Square Footage]

SPECIFIED DFT (MILS): [20, 30, 45, or 60]

CERTIFIED APPLICATOR: [Contractor Name]

1. SCOPE OF WARRANTY

Hulk Systems ("Manufacturer") warrants to the original Building Owner named above ("Owner") that the Hulk Systems STPE Liquid-Applied Membrane ("Product") utilized on the Building Address listed above will be free from manufacturing defects that directly result in water leakage through the coating for the specified warranty term from the Effective Date.

2. EXCLUSIVE REMEDY

This is a Material-Only Warranty. In the event of a covered manufacturing defect that results in water leakage through the Product, the Manufacturer's sole and exclusive obligation shall be strictly limited to providing replacement Product sufficient to repair the specific defective area(s), or at the Manufacturer's sole discretion, issuing a refund of the original cash value of the defective portion of the Product.

This Limited Warranty explicitly does NOT cover the cost of labor to investigate the leak, remove the defective coating, prepare the surface, or install the replacement product.

3. LIMITATION OF LIABILITY AND EXCLUSIONS

This Limited Warranty serves as the Owner's exclusive remedy and is in lieu of all other warranties, express or implied, including any warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. Hulk Systems shall not be liable for any incidental, consequential, special, or other damages, including damage to the building, its contents, or loss of use.

The Manufacturer specifically disclaims liability for leaks or failures resulting directly or indirectly from any of the following: a) Improper Application: Failure of the Certified Applicator to apply the Product in strict accordance with Hulk Systems' published specifications, including but not limited to failing to achieve the specified Dry Film Thickness (DFT) or utilizing unapproved generic rust converters. b) Substrate/Structural Failure: Structural cracking, building settlement, roof deck deflection, moisture migrating from beneath the membrane, or the deterioration, delamination, or failure of the underlying roofing system, insulation, or substrate to which the Product is applied. c) Adhesion Failure: Any failure of the Product to adhere to the substrate where the Mock-Up Adhesion Test Log demonstrated acceptable initial adhesion. d) Mechanical Damage: Tears, punctures, or abrasions caused by foot traffic, vandalism, dropped tools, or unauthorized additions of rooftop equipment. Note: Warranty claims for mechanical wear in known high-traffic or service areas will be denied if the required traction aggregate was not incorporated during application. e) Acts of God: Natural disasters including, but not limited to, hurricanes, tornadoes, gale-force winds, hail, earthquakes, or lightning. f) Ponding Water Alterations: Changes in building drainage causing new areas of prolonged ponding water resulting in organic silt accumulation and subsequent root penetration.

4. OWNER'S MAINTENANCE AND NOTIFICATION OBLIGATIONS

To maintain the validity of this Limited Warranty, the Owner must comply with the maintenance procedures outlined in the "Owner's Permanent Maintenance File," including maintaining written and photographic logs of annual and event-driven inspections. Failure to produce maintenance records upon request will instantly void this Warranty.

In the event of a leak, the Owner must notify Hulk Systems in writing within 72 hours of the discovery of the leak. Failure to provide written notice within this timeframe shall completely void the Manufacturer's obligations under this Warranty. The Owner must allow the Manufacturer or its designated agent access to the roof during normal business hours to perform an inspection and, if necessary, extract core samples to verify applied thickness and substrate adhesion.

By accepting this warranty, the Owner acknowledges they have read, understood, and agreed to all terms, conditions, and exclusions herein.

AUTHORIZED SIGNATURE: _____ DATE: _____

Hulk Systems Warranty Department