



COATING APPLICATION

| Coating System | Metal Roofs | | | Single Ply Membrane | | | | | | Asphaltic | | | | | | Concrete | Urethane Spray Foam | |
|--|---|---------|------------------------|------------------------|---------|------------------------|------------------------|---------|------------------------|---|---------|------------------------|--------------------------------|---------|---------|----------|---------------------|---------------|
| | | | | EPDM | | | PVC or TPO | | | SBS or APP Modified & Smooth Built-up (BUR) | | | Gravel-surfaced Built-up (BUR) | | | | | |
| *All application rates (gal/100 sf) are approximate and may vary for each specific project. Warranty eligibility is ultimately determined by the finished Dry Film Thickness (DFT). | | | | | | | | | | | | | | | | | | |
| Storm Breaker HB Silicone (Single coat or multiple coats depending on the existing roof condition) | Coverage | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | Contact BITEC | Contact BITEC |
| | Application Rate* / 100 sf | 1.4 gal | 1.7 gal | 2.0 gal | 1.7 gal | 2.0 gal | 2.4 gal | 1.7 gal | 2.0 gal | 2.4 gal | 2.0 gal | 2.4 gal | 2.7 gal | 2.4 gal | 2.7 gal | 3.0 gal | | |
| | DFT | 20 mils | 25 mils | 30 mils | 25 mils | 30 mils | 35 mils | 25 mils | 30 mils | 35 mils | 30 mils | 35 mils | 40 mils | 35 mils | 40 mils | 45 mils | | |
| Storm Breaker Acrylic (The roof must have a positive slope and no ponding water areas. A 20-year Warranty requires Storm Breaker Reinforcing Fabric throughout the entire roof area.) | Coverage | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | | | | Contact BITEC | Contact BITEC |
| | Base Coat Contractor Grade Rate* / 100 sf | 1.6 gal | 1.9 gal | Premium Grade Required | 1.9 gal | 2.2 gal | Premium Grade Required | 1.9 gal | 2.2 gal | Premium Grade Required | 2.2 gal | 2.5 gal | Premium Grade Required | | | | | |
| | or | or | or | or | or | or | or | or | or | or | or | or | | | | | | |
| | Base Coat Premium Grade Rate* / 100 sf | 1.5 gal | 1.8 gal | 2.0 gal | 1.8 gal | 2.0 gal | 2.4 gal with fabric | 1.8 gal | 2.0 gal | 2.4 gal with fabric | 2.0 gal | 2.4 gal | 2.8 gal with fabric | | | | | |
| | Top Coat Contractor Grade Rate* / 100 sf | 1.6 gal | Premium Grade Required | Premium Grade Required | 1.9 gal | Premium Grade Required | Premium Grade Required | 1.9 gal | Premium Grade Required | Premium Grade Required | 2.2 gal | Premium Grade Required | Premium Grade Required | | | | | |
| | or | or | or | or | or | or | or | or | or | or | or | or | | | | | | |
| Top Coat Premium Grade Rate* / 100 sf | 1.5 gal | 1.8 gal | 2.0 gal | 1.8 gal | 2.0 gal | 2.4 gal | 1.8 gal | 2.0 gal | 2.4 gal | 2.0 gal | 2.4 gal | 2.8 gal | | | | | | |
| Total DFT | 25 mils | 30 mils | 35 mils | 30 mils | 35 mils | 40 mils | 30 mils | 35 mils | 40 mils | 35 mils | 40 mils | 45 mils | | | | | | |
| Storm Breaker SEBS Rubberized | Coverage | 10 yr | 15 yr | 20 yr | | | | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | | | | Contact BITEC | Contact BITEC |
| | Application Rate* / 100 sf | 1.4 gal | 2.1 gal | 2.8 gal | | | | 2.1 gal | 2.8 gal | 3.5 gal | 2.8 gal | 3.5 gal | 4.2 gal | | | | | |
| | DFT | 10 mils | 15 mils | 20 mils | | | | 15 mils | 20 mils | 25 mils | 20 mils | 25 mils | 30 mils | | | | | |
| Storm Breaker Urethane Low VOC | Coverage | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | 10 yr | 15 yr | 20 yr | | | | Contact BITEC | Contact BITEC |
| | Application Rate* / 100 sf | 1.8 gal | 2.3 gal | 2.7 gal | 2.3 gal | 2.7 gal | 3.2 gal | 2.3 gal | 2.7 gal | 3.2 gal | 2.7 gal | 3.2 gal | 3.6 gal | | | | | |
| | DFT | 20 mils | 25 mils | 30 mils | 25 mils | 30 mils | 35 mils | 25 mils | 30 mils | 35 mils | 30 mils | 35 mils | 40 mils | | | | | |

HORIZONTAL AND VERTICAL LAP/SEAM TREATMENT

Storm Breaker Butyl Fleece Tape may be substituted for the base coat and fabric where reinforced (i.e. 3-course) treatment is specified for Acrylic, SEBS, and Urethane systems only. (Butyl Fleece Tape is not approved with HB Silicone systems.)

| | | | | | | | | |
|----------------------------------|----------------------|--|---|--|---|--|--|--|
| Storm Breaker HB Silicone System | Compound: 25 mil DFT | Reinforced Coating: 15 mil DFT base and 20 mil DFT top | Unreinforced Coating: 20 mil DFT Approx. 200 linear feet/gal @ 4" wide | Reinforced Coating: 15 mil DFT base layer and 20 mil DFT top layer | Unreinforced Coating: 20 mil DFT Approx. 200 linear feet/gal @ 4" wide | Reinforced Coating: 20 mil DFT base and 20 mil DFT top | Coating: 20 mil DFT Approx. 200 linear feet/gal @ 4" wide (vertical only) | Reinforced: 20 mil DFT base and 20 mil DFT top (vertical only) |
| Storm Breaker Acrylic System | Compound: 25 mil DFT | Reinforced Coating: 15 mil DFT base and 20 mil DFT top | Unreinforced Coating: 25 mil DFT Approx. 200 linear feet/gal @ 4" wide | Reinforced Coating: 15 mil DFT base layer and 20 mil DFT top layer | Unreinforced Coating: 30 mil DFT Approx. 160 linear feet/gal @ 4" wide | Reinforced Coating: 30 mil DFT base and 20 mil DFT top | Coating: 30 mil DFT Approx. 160 linear feet/gal @ 4" wide (vertical only) | Reinforced: 30 mil DFT base and 20 mil DFT top (vertical only) |

PRIMERS AND FILLER PRODUCTS

| | | | | | |
|--|--|--|---------------------|---------------------------|---------------------------|
| Storm Breaker Asphalt Bleed Block Primer | | | | 1 gal per 100 sq ft | 1 gal Per 100 sq ft |
| Storm Breaker EPDM Bleed Block Primer | | | 1 gal per 200 sq ft | | |
| Storm Breaker Silicone Single Ply Primer | | | 1 gal per 330 sq ft | | |
| Storm Breaker Silicone Surface Filler | | | | 3-6 gallon per 100 sq.ft. | 3-6 gallon per 100 sq.ft. |
| Storm Breaker 2-Part Epoxy Primer | | | | | 1 gal per 150-200 sq ft |
| Storm Breaker SPF Primer | | | | | 1 gal per 200 sq ft |

*All application rates (gal/100 sf) are approximate and may vary for each specific project. Warranty eligibility is ultimately determined by the finished Dry Film Thickness (DFT). Additional material may be required due to site conditions. Add 15% to 25% material for surface area stretch-out, depending on metal panel profile. Adhesion tests are required prior to installing the new coating system. Bleed-blocking primer may also be required on exposed asphaltic surfaces. Any void, opening, or puncture larger than 1/8 inch must receive a reinforced (i.e. 3-course) repair using Storm Breaker Reinforcing Fabric or Storm Breaker Butyl Fleece Tape and compatible Storm Breaker repair compounds.

NOTE: Materials and Workmanship coverage (i.e. "NDL") is offered for Commercial projects only. Residential projects are limited to 10-year Materials only coverage. Ver. 9/2/2025