Fluid-Applied Roofing Systems

“The name trusted in roofing since 1906”
COATINGS
There is more to roofing than total replacement. When considering lifecycle costs, it can make sense to prolong the life of the roof with coatings and qualify for a fresh NDL warranty on an existing roof.

Reflective roof coatings extend the service life of a mature roofing system. Lasting restoration or repair delays capital expense until an expensive tear off or overlay is necessary.

• Trusted performance with quick application & cleanup using brush, roller or airless sprayer
• Proven, time-tested formulations
• Minimal disruption to the building
• Maximize installed cost value
• Energy Savings—meets CRRC cool roof requirements by reflecting solar energy and reducing interior building temperatures

ANATOMY OF COATINGS
Roof coating systems are applied in layers to build desired dry mil thickness:

• All installations require proper cleaning prior to application
• Depending on substrate, primer may be required
• Penetrations are individually addressed before Base application
• Tinted Base eliminates guesswork when applying Finish
• With annual maintenance, a properly installed coating system may perform up to 20 years

APPLICATION METHODS:
Airless Sprayer  Roller  Brush
SILICONE COATINGS

Silicone Roof Coating is a high solids, single-part elastomeric roof coating and manufactured from durable inorganic silicone resins, reinforcing and reflective pigments. Apply over new spray-applied polyurethane foam, EPDM, TPO, aged PVC, aged acrylic coatings, concrete, asphalt built-up roofs, granulated modified bitumen roofs and metal roofs.

- Provides years of durable, low-maintenance seamless protection—control UV damage, reduce thermal shock, fully-adhered system seals off water entry points
- Superior resistance to ponding water—low water absorption outperforms conventional solvent- and water-based protective roof coatings
- Same day recoating possible with quick cure time
- Low odor—solvent-free formula; VOC compliant throughout North America
- White 100% Silicone Roof Coating improves rooftop air conditioning unit efficiency

Silicone coatings are the best choice when:
- There is ponding water
- A complex roof provides installation issues for a conventional membrane roof
- Two roofing systems exist (eliminating tear-off)

ACRYLIC COATINGS

Acrylic Roof Coating is an elastomeric water-based roof coating system or maintenance coating over metal and on smooth asphalt built-up roofs, Mod Bit, EPDM, TPO and PVC.

- Exceptional exterior durability and UV stability
- Specifications for both reinforced and non-reinforced assemblies
- Superior flexibility in low temperature environments

Acrylic coatings are the best choice:
- On tight budgets
- When there is no ponding water
- Over a metal roof with minimal rust when installation temperatures are above freezing

SEBS COATINGS

SEBS Roof Coating is an elastomeric solvent-based roof coating for the repair and restoration of metal roofs. Based on tough, elastic Styrene Ethylene/Butylene Styrene polymers and a clear adhesive hydrocarbon resin in an aromatic hydrocarbon vehicle.

- Excellent adhesion to metal
- Ideal solutions for rusty roofs
- Ultra-low moisture permeability prevents corrosion
- Superior elasticity conforms to building movement
- High tensile strength withstands roof traffic
- Antioxidants and light stabilizers ensure durability

SEBS coatings are the best choice when:
- Restoring a rusty metal roof
- Over a metal roof when temperatures are near freezing
OUTLINING THE FACTS

Coatings have progressed from a maintenance decision to a long-term roofing investment with NDL system warranties up to 20 years.

BEST PRACTICES ON A ROOF COATING INSTALL

1. Coatings alone will not fix a leaky roof
   As stated, the primary function of a coating is to extend the service life of an existing roofing system. If the existing roofing system leaks or is severely deteriorated in areas, applying a liquid coating over the affected area is not a long-term solution. Short-term success, maybe, but certainly not a long-term fix.

2. The existing roofing system must be repaired with like materials before applying a coating
   Prior to installing any coating, the existing roofing system must be repaired with like materials and brought up to a watertight condition. When restoring a roof, it is very important to not just treat the symptom but also to correct the cause. By addressing defective roof issues in advance, fluid applied roofing systems can qualify for NDL warranties up to 20 years.

3. Moisture trapped below a coating will try to get out through the coating
   Remove all moisture trapped within the existing roofing system. A moisture scan alone does not confirm the absence of moisture. Core cuts of the existing system are required to verify the findings of the moisture scan. Remove and replace all wet materials in the existing roofing system before applying any coating.
4. Coatings don’t stick to everything
   Adhesion tests are critical in determining the suitability of a particular coating over a particular substrate. Failure to perform adhesion tests before starting the project can lead to catastrophic failures in the new coating system.

5. Coatings do not work well on a gravel-surfaced roof
   Gravel surfacing presents numerous problems for a coating project. Enough liquid can be poured over gravel until it is completely covered, but extremely thick coating application presents a whole new set of problems ranging from never drying to severe cracking.

6. Coatings do not stick to a dirty surface
   Surface prep must include a thorough cleaning of the original roofing system. Cleaning should include more than power washing with plain water. An appropriate cleaner followed by rinsing is required to provide a suitable surface. Sometimes, heavily soiled roofs require multiple cleanings to achieve required cleanliness.

7. Spray-apply coatings
   Coatings can be applied with a brush, roller or sprayed. Not all sprayers work with all coatings. Spraying coatings provides more even coverage and a better appearance than brushing or rolling but requires an initial capital investment of $15,000-$20,000 for proper equipment. Roof coatings can be very thick requiring a powerful spray rig to deliver the coating to the substrate.

8. Review formal specifications
   Always read manufacturer specifications and consult with a Mule-Hide Territory Manager prior to starting a project.
DESIGN POINT: RUST & SKYLIGHTS

Metal panels must be structurally sound to provide a safe work environment and suitable surface for coating application. Acrylics and silicones require treating rust before coating. SEBS is more forgiving and requires treating only severe rust. Fiberglass skylights are a safety hazard to roof workers. Never coat a skylight the same color as the roof.
## Roof Coating Restoration Comparisons Over: Metal Roofs

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Acrylic</th>
<th>SEBS</th>
<th>Silicone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance to Ponding Water</td>
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<td>Excellent</td>
<td>Very Good</td>
</tr>
<tr>
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<tr>
<td>Primer Required</td>
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<tr>
<td>Low Temperature Restrictions</td>
<td>Installation temperatures must be above 45°F for 48 consecutive hours</td>
<td>Installation temperatures down to 35°F but cannot be within 5°F of Dew Point</td>
<td>Installation temperatures must be above 40°F</td>
</tr>
<tr>
<td>High Temperature Restrictions</td>
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<td>Do not exceed 100°F</td>
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<tr>
<td>Recoat Time</td>
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<tr>
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<td>Yes</td>
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### System

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<thead>
<tr>
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<td>15 yr</td>
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<tr>
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<tr>
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<td>A-200 Flashing</td>
<td>SEBS Seam Sealer</td>
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<td>A-300 Base</td>
<td>A-300 Base</td>
<td>SEBS Base</td>
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<td>A-300 Finish</td>
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<td>SEBS or SEBS +</td>
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<td></td>
<td>Dry Mil Thickness</td>
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### Application Methods:

- **Airless Sprayer**
- **Roller**
- **Brush**
DESIGN POINT: ADHESION

TPO membranes have a low surface energy making adhesion difficult. Adhering coatings to TPO membranes require sanding, scuffing or priming the surface. A-300 Base TPO and Si TPO Primer formulas address low surface energy and improve coating adhesion.
## Roof Coating Restoration Comparisons Over: TPO Roofs

<table>
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<tr>
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<th>Acrylic</th>
<th>SEBS</th>
<th>Silicone</th>
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</thead>
<tbody>
<tr>
<td><strong>Resistance to Ponding Water</strong></td>
<td>Fair</td>
<td>Excellent</td>
<td>Very Good</td>
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<tr>
<td><strong>Permeable</strong></td>
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<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Primer Required</strong></td>
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<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Low Temperature Restrictions</strong></td>
<td>Installation temperatures must be above 45°F for 48 consecutive hours</td>
<td>Installation temperatures down to 35°F but cannot be within 5°F of Dew Point</td>
<td>Installation temperatures must be above 40°F</td>
</tr>
<tr>
<td><strong>High Temperature Restrictions</strong></td>
<td>Do not exceed 110°F</td>
<td>Do not exceed 100°F</td>
<td>Do not exceed 100°F</td>
</tr>
<tr>
<td><strong>Recoat Time</strong></td>
<td>12 hours</td>
<td>4-6 hours</td>
<td>2-4 hours</td>
</tr>
<tr>
<td><strong>Strong Odor</strong></td>
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<td>Yes</td>
<td>No</td>
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<td>10 yr</td>
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<td><strong>Clean</strong></td>
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<td>115 Cleaner</td>
<td>115 Cleaner</td>
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<td>1/4-1/2 Gal</td>
<td>1/4-1/2 Gal</td>
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<td>Si TPO Primer</td>
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<td>A-200 Flashing</td>
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<td><strong>Base Coat</strong></td>
<td>A-300 Base TPO</td>
<td>SEBS Base</td>
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<td><strong>1st Coat per Sq</strong></td>
<td>1.5 Gal</td>
<td>1.25 Gal</td>
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<tr>
<td><strong>Wet Mil Thickness</strong></td>
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<td>20</td>
<td>–</td>
</tr>
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<td><strong>Dry Mil Thickness</strong></td>
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</tr>
<tr>
<td><strong>Finish Coat</strong></td>
<td>A-300 Finish</td>
<td>SEBS +</td>
<td>100% Silicone Coating</td>
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<td>1.25 Gal</td>
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<tr>
<td><strong>Wet Mil Thickness</strong></td>
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<td><strong>Dry Mil Thickness</strong></td>
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<td><strong>3rd Coat per Sq</strong></td>
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<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>Wet Mil Thickness</strong></td>
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<td>–</td>
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<td><strong>Dry Mil Thickness</strong></td>
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<td>24</td>
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<td><strong>Total Minimum Requirements</strong></td>
<td>3 Gal</td>
<td>2.5 Gal</td>
<td>1.5 Gal</td>
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<tr>
<td><strong>Gallons per Square</strong></td>
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<td>3.5 Gal</td>
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<tr>
<td><strong>Dry Mil Thickness</strong></td>
<td>24</td>
<td>16</td>
<td>20</td>
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</tbody>
</table>

**Application Methods:**

- Airless Sprayer
- Roller
- Brush
DESIGN POINT: STAINING/BLEED THROUGH

Asphalt roofs contain light oils. New asphalt and modified bitumen should age a minimum of 90 days prior to coating application to allow the oils to leave the membrane. Even aged asphalt and modified bitumen have enough retained oil to cause staining. Any coating applied over asphalt or modified bitumen should have a stain blocker.
ROOF COATING RESTORATION COMPARISONS OVER:

SMOOTH & GRANULATED

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Acrylic</th>
<th>SEBS</th>
<th>Silicone</th>
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<tbody>
<tr>
<td>Resistance to Ponding Water</td>
<td>Fair</td>
<td>Excellent</td>
<td>Very Good</td>
</tr>
<tr>
<td>Permeable</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Primer Required</td>
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<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Low Temperature Restrictions</td>
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</tr>
<tr>
<td>High Temperature Restrictions</td>
<td>Do not exceed 110°F</td>
<td>Do not exceed 100°F</td>
<td>Do not exceed 100°F</td>
</tr>
<tr>
<td>Recoil Time</td>
<td>12 hours</td>
<td>4-6 hours</td>
<td>2-4 hours</td>
</tr>
<tr>
<td>Strong Odor</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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<table>
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<th>System</th>
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<th>Silicone</th>
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<tr>
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<td>115 Cleaner</td>
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<td>Not Required</td>
<td>2-Part Epoxy Primer or Multibase SB</td>
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<td>A-200 Flashing</td>
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<td>A-300 Base</td>
<td>SEBS Base</td>
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<td>1.5 Gal</td>
<td>1.5 Gal</td>
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<tr>
<td>Finish Coat</td>
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<td>A-300 Finish</td>
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<td>Total Minimum Requirements</td>
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### Granulated Surface  Modified Bitumen & BUR

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<td>Low Temperature Restrictions</td>
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<td>Installation temperatures down to 35°F but cannot be within 5°F of Dew Point</td>
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<tr>
<td>High Temperature Restrictions</td>
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<td>Do not exceed 100°F</td>
</tr>
<tr>
<td>Recoil Time</td>
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<tr>
<td>Strong Odor</td>
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<td>20 Yr</td>
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<th>SEBS Seam Sealer</th>
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<th>Silicone Roof Sealant</th>
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<th>SEBS +</th>
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<th>100% Silicone Coating</th>
<th>100% Silicone Coating</th>
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<td>2 Gal</td>
<td>2.5 Gal</td>
<td>1.5 Gal</td>
</tr>
<tr>
<td>3rd Coat per Sq</td>
<td>–</td>
<td>1 Gal</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Wet Mil Thickness</td>
<td>24</td>
<td>32</td>
<td>24</td>
<td>24</td>
<td>32</td>
<td>40</td>
<td>24</td>
</tr>
<tr>
<td>Dry Mil Thickness</td>
<td>12</td>
<td>16</td>
<td>10</td>
<td>10</td>
<td>30</td>
<td>38</td>
<td>22</td>
</tr>
</tbody>
</table>

| Total Minimum Requirements       |              |               |                  |                  |                      |                      |                      |
| Gallons per Square               | 3 Gal        | 3 Gal         | 3 Gal            | 3.5 Gal          | 2 Gal                | 2.5 Gal              | 3 Gal                |
| Dry Mil Thickness                | 24            | 28            | 20               | 24               | 30                    | 38                    | 44                    |
ROOF COATING RESTORATION COMPARISONS OVER:

ASPHALT BASED ROOFS

APPLICATION METHODS:
DESIGN POINT: PLASTICIZER MIGRATION

PVC in its natural state is rigid. Added plasticizers make PVC flexible for use as a roofing membrane but difficult to coat. As PVC ages and plasticizers migrate out of the membrane, it becomes a candidate for roof coatings.
### ROOF COATING RESTORATION COMPARISONS OVER: PVC ROOFS

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Acrylic</th>
<th>Silicone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance to Ponding Water</td>
<td>Fair</td>
<td>Very Good</td>
</tr>
<tr>
<td>Permeable</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Primer Required</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Low Temperature Restrictions</td>
<td>Installation temperatures must be above 45°F for 48 consecutive hours</td>
<td>Installation temperatures must be above 40°F</td>
</tr>
<tr>
<td>High Temperature Restrictions</td>
<td>Do not exceed 110°F</td>
<td>Do not exceed 100°F</td>
</tr>
<tr>
<td>Recoeat Time</td>
<td>12 hours</td>
<td>2-4 hours</td>
</tr>
<tr>
<td>Strong Odor</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

#### System

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Acrylic</th>
<th>Silicon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranty</td>
<td>10 yr</td>
<td>10 yr</td>
</tr>
<tr>
<td></td>
<td>15 yr</td>
<td>15 yr</td>
</tr>
<tr>
<td>Clean</td>
<td>115 Cleaner</td>
<td>115 Cleaner</td>
</tr>
<tr>
<td>Coverage per Sq</td>
<td>1/4-1/2 Gal</td>
<td>1/4-1/2 Gal</td>
</tr>
<tr>
<td>Primer</td>
<td>Not Required</td>
<td>Not Required</td>
</tr>
<tr>
<td>Coverage per Sq</td>
<td>1/4 Gal</td>
<td>1/4 Gal</td>
</tr>
<tr>
<td>Seams &amp; Flashing</td>
<td>A-200 Flashing</td>
<td>Silicone Roof Sealant</td>
</tr>
<tr>
<td>Base Coat</td>
<td>A-300 Base</td>
<td>100% Silicone Coating</td>
</tr>
<tr>
<td>1st Coat per Sq</td>
<td>1.5 Gal</td>
<td>–</td>
</tr>
<tr>
<td>Wet Mil Thickness</td>
<td>24</td>
<td>–</td>
</tr>
<tr>
<td>Dry Mil Thickness</td>
<td>12</td>
<td>–</td>
</tr>
<tr>
<td>Finish Coat</td>
<td>A-300 Finish</td>
<td>100% Silicone Coating</td>
</tr>
<tr>
<td>2nd Coat per Sq</td>
<td>1.5 Gal</td>
<td>1.5 Gal</td>
</tr>
<tr>
<td>3rd Coat per Sq</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Wet Mil Thickness</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>Dry Mil Thickness</td>
<td>12</td>
<td>22</td>
</tr>
<tr>
<td>Total Minimum Requirements</td>
<td>Gallons per Square</td>
<td>3 Gal</td>
</tr>
<tr>
<td></td>
<td>3.5 Gal</td>
<td>1.5 Gal</td>
</tr>
<tr>
<td></td>
<td>1 Gal</td>
<td>2 Gal</td>
</tr>
<tr>
<td></td>
<td>2 Gal</td>
<td>2.5 Gal</td>
</tr>
</tbody>
</table>
DESIGN POINT: MEMBRANE SWELLING

EPDM membrane is very durable with excellent weathering properties but poor chemical resistance to solvents. Many solvents make EPDM membrane swell and deteriorate. Mule-Hide recommends acrylics and silicones on EPDM.
## ROOF COATING RESTORATION COMPARISONS OVER: EPDM ROOFS

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Acrylic</th>
<th>Silicone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance to Ponding Water</td>
<td>Fair</td>
<td>Very Good</td>
</tr>
<tr>
<td>Permeable</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Primer Required</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Low Temperature Restrictions</td>
<td>Installation temperatures must be above 45°F for 48 consecutive hours</td>
<td>Installation temperatures must be above 40°F</td>
</tr>
<tr>
<td>High Temperature Restrictions</td>
<td>Do not exceed 110°F</td>
<td>Do not exceed 100°F</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>12 hours</td>
<td>2-4 hours</td>
</tr>
<tr>
<td>Strong Odor</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>System</th>
<th>Acrylic</th>
<th>Silicone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranty</td>
<td>10 yr</td>
<td>10 yr</td>
</tr>
<tr>
<td>Clean</td>
<td>115 Cleaner</td>
<td>115 Cleaner</td>
</tr>
<tr>
<td>Coverage per Sq</td>
<td>1/4-1/2 Gal</td>
<td>1/4-1/2 Gal</td>
</tr>
<tr>
<td>Primer</td>
<td>Not Required</td>
<td>Not Required</td>
</tr>
<tr>
<td>Seams &amp; Flashing</td>
<td>A-200 Flashing</td>
<td>Silicone Roof Sealant</td>
</tr>
<tr>
<td>Base Coat</td>
<td>A-300 Base</td>
<td>100% Silicone Coating</td>
</tr>
<tr>
<td>1st Coat per Sq</td>
<td>1.5 Gal</td>
<td>–</td>
</tr>
<tr>
<td>Wet Mil Thickness</td>
<td>24</td>
<td>–</td>
</tr>
<tr>
<td>Dry Mil Thickness</td>
<td>12</td>
<td>–</td>
</tr>
<tr>
<td>Finish Coat</td>
<td>A-300 Finish</td>
<td>100% Silicone Coating</td>
</tr>
<tr>
<td>2nd Coat per Sq</td>
<td>1.5 Gal</td>
<td>1.5 Gal</td>
</tr>
<tr>
<td>Wet Mil Thickness</td>
<td>24</td>
<td>24</td>
</tr>
<tr>
<td>Dry Mil Thickness</td>
<td>12</td>
<td>22</td>
</tr>
<tr>
<td>Total Minimum Requirements</td>
<td>3 Gal</td>
<td>1.5 Gal</td>
</tr>
<tr>
<td>Gallons per Square</td>
<td>3.5 Gal</td>
<td>2 Gal</td>
</tr>
<tr>
<td>Dry Mil Thickness</td>
<td>24</td>
<td>22</td>
</tr>
</tbody>
</table>

### APPLICATION METHODS:
- Airless Sprayer
- Roller
- Brush
**A-300 FINISH**
CRRC rated and ENERGY STAR listed highly elastomeric coating. Exceptional durability and UV stability extends roof life. Attractive bright white reduces energy consumption. Apply by brush, roller or airless sprayer.

**Standard Color:** White
**Special Order Colors:** Dark Gray, Light Gray, Beige, Tan, Warm Gray, Arizona Tan

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA3001</td>
<td>1 Gallon Pail - White Only</td>
<td>2 Gallons per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA3005</td>
<td>5 Gallon Pail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA30055</td>
<td>55 Drum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA300T0</td>
<td>275 Tote</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Spray Equipment Minimum Requirements**
- **Cleaning:** Properly clean and store all equipment and hoses after each use.
- **Pump:** Airless spray rig with a minimum material output of 2 gallons per minute at 3000 psi.
- **Hoses:** Maximum 300’ of high-pressure material hose. Hose inside diameters (ID) are available 1/2” to 1/4”. Whip hose length should be one ID size smaller than rest of hose length.
- **Spray Gun:** Airless spray gun must be equipped with swivel for handling ease. Gun must also be equipped with a Reverse-A-Clean nozzle.
- **Spray Tips:** .025” - .035” orifice size recommended, with a wide-angle fan pattern. Ideal orifice size varies with weather conditions. Always have spray tips at project site within the recommended orifice size range. Always use wet film gauge to determine the proper mil thickness.

---

**A-320 FINISH**
Coating over asphaltic substrates and where periodic ponded water occurs. CRRC® rated and ENERGY STAR® listed. Areas where ponded water remains for more than 48 hours may require the installation of new drains to provide proper drainage or tapered insulation and new compatible roofing materials to create positive drainage to the existing drain system.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA3201</td>
<td>1 Gallon Pail</td>
<td>See Product Data Sheet</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA3205</td>
<td>5 Gallon Pail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA32055</td>
<td>55 Drum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA320T0</td>
<td>275 Tote</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**A-301 SKYLIGHT FINISH**
Coats weathered skylight panels. Milky white in pail, dries to a translucent, flexible film for a watertight seal that allows light to pass through.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA3011</td>
<td>1 Gallon Pail</td>
<td>2 Gallons per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA3015</td>
<td>5 Gallon Pail</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Colors shown are representative of product. Actual colors may vary.*
**A-300 BASE**
Apply to non corroded metal, modified bitumen, asphalt BUR, PVC, EPDM, Hypalon, polyurethane foam and concrete roofs. A high degree of rubber-like elasticity allows wide swings in temperature and significant building movement. A-300 Base provides a well-bonded surface for the application of A-300 FINISH coat.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA3BC5</td>
<td>5 Gallon Pail</td>
<td></td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA3BC55</td>
<td>55 Drum</td>
<td>1.5 Gallons per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA3BCTO</td>
<td>275 Tote</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**A-300 BASE TPO**
An all-acrylic polymer based coating designed for improved adhesion to the surface of suitably cleaned, weathered (minimum 4 years) TPO (thermoplastic polyolefin) roofing membranes and flashings. When applied to a properly cleaned, weathered TPO roof, A-300 BASE TPO provides a well-bonded light blue surface for the application of A-300 FINISH coat.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA3BT5</td>
<td>5 Gallon Pail</td>
<td>1.5 Gallons per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA3BT55</td>
<td>55 Drum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA3BTTO</td>
<td>275 Tote</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**A-200 FLASHING GRADE**
Highly flexible sealant for seams, penetrations, flashings, metal roof fasteners, and other areas to fill voids in the substrate. Brushed or extruded application.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA20001</td>
<td>1 Gallon Pail</td>
<td></td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA20003</td>
<td>3.5 Gallon Pail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA20005</td>
<td>5 Gallon Pail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA2005S0</td>
<td>5 Gallon Pail</td>
<td>75-100 Lin. Ft Seams/300-400 Fastener Heads</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA2005S5</td>
<td>55 Gallon Pail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA2000W0</td>
<td>Wand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA2003FW</td>
<td>Fibrated - White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA2003FT</td>
<td>Fibrated - Tan</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MP LIQUID SEALANT**
A 100% solids, non-shrink, one-part polyurethane pourable sealer used with metal roof seams and fasteners, gutters, damaged polyurethane foam and roof projections on PVC, EPDM, primed TPO, primed Mod Bit and primed BUR roofing systems.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Carton</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>08MHMPLS2W</td>
<td>White</td>
<td>4 pouches</td>
<td>1 Year</td>
</tr>
<tr>
<td>08MHMPLS2B</td>
<td>Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08MHMPLS2G</td>
<td>Gray</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**A-125 METAL ROOF PRIMER**
Zinc-rich, dark yellow color for easy-to-see coverage. Improves adhesion of finish coating while encapsulating rust and inhibiting new rust. Apply by brush, roller or airless sprayer.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA125S5</td>
<td>5 Gallon Pail</td>
<td>1/2 Gallon per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA125S55</td>
<td>55 Gallon Drum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHA125S0</td>
<td>275 Gallon Tote</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**115 CLEANER**
Highly effective cleaner removes dirt and deposits commonly found on roof decks. Apply with a 2000-psi power washer to cut through grease and rinse away. Apply by low pressure sprayer.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA115S5</td>
<td>5 Gallon Pail</td>
<td>1/4-1/2 Gallon per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHA115S55</td>
<td>55 Gallon Drum</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

21
**SILICONE ROOF COATING**

Is a 100% silicone based, single part roof coating that creates a barrier that is durable, elastic, resistant to weathering, breathable, watertight, and weatherproof. 100% Silicone Roof Coating is manufactured from durable inorganic silicone resins, reinforcing and reflective pigments and silane adhesions promoters.

---

**SI TPO PRIMER**

Promotes adhesion with 100% Silicone Roof Coating to new and aged TPO roofing membranes. Manufactured from a fast evaporation solvent carries and adhesive resins. Primer has a blue tint to allow applicator to better gauge application rates.

---

**SPRAY EQUIPMENT MINIMUM REQUIREMENTS**

- **Cleaning:** Properly clean and store all equipment and hoses after each use.
- **Pump:** Graco 933es Hi Flo spray rig with a minimum material output of 4 gallons per minute at 3000 psi. Pump lower must be set to maximum lower-ball travel.
- **Hoses:** Maximum 250' of high-pressure (7250 psi) material hose, 3/4" ID with a 1/2"x 25' whip. Whip hose should be one ID smaller than rest of hose length.
- **Spray Gun:** EHF Spray Gun (7250 psi) equipped with a Reverse-A-Clean nozzle.
- **Spray Tips:** XDF 7250 psi tip (.029 -.035) with recommended pressure at the gun should be 3000 psi while spraying.
- **Transfer Pump:** Monarch 5:1 pneumatic pump requires the use of an air compressor capable of delivering 20 CFM @ 90 psi.
**SILICONE ROOF SEALANT**
Is a high solids non-shrinking moisture cure silicone sealant that has minimal odor, contains no solvents and has less than 10 grams per liter VOC. Provides excellent adhesion to concrete, masonry, polyurethane foam, EPDM, TPO, aged PVC, aged acrylic coatings, granular cap sheet, wood, metals, Kynar® finishes and most other common building materials. Si TPO Primer is required for TPO roof membranes.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHSISC1</td>
<td>Clear</td>
<td>1 tube (12/ctn)</td>
<td>See Product Data Sheet</td>
</tr>
<tr>
<td>16MHSISC5</td>
<td>5 Gallon Pail</td>
<td>2 Years</td>
<td></td>
</tr>
</tbody>
</table>

**SI CLEANING SOLVENT**
A high flash aromatic solvent that may be used to clean tools and equipment. This product is suitable for cleanup of asphalt, thermoplastic and silicone based products.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHSISOL1</td>
<td>1 Gallon Pail</td>
<td>N/A</td>
<td>2 Years</td>
</tr>
<tr>
<td>16MHSISOL5</td>
<td>5 Gallon Pail</td>
<td>2 Years</td>
<td></td>
</tr>
</tbody>
</table>

**TIETEX 325 & 272 POLY FABRIC**
Tietex 272 and Tietex 325 are 100% polyester stitch-bonded fabrics made without the use of adhesives. With unique elongation, quick wet-out and saturation.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>09MHTT3043</td>
<td>1 roll - 4’X300’</td>
<td>1.5 lbs</td>
</tr>
<tr>
<td>09MHTT3063</td>
<td>1 roll - 6’X300’</td>
<td>3 lbs</td>
</tr>
<tr>
<td>09MHTT3123</td>
<td>1 roll - 12’X300’</td>
<td>6 lbs</td>
</tr>
<tr>
<td>09MHTT3203</td>
<td>1 roll - 20’X300’</td>
<td>11 lbs</td>
</tr>
<tr>
<td>09MHTT3403</td>
<td>1 roll - 40’X324’</td>
<td>22 lbs</td>
</tr>
</tbody>
</table>

**MULTIBASE SB**
Light yellow primer for concrete, modified bitumen, asphalt BUR, PVC, EPDM and Hypalon roof surfaces prior to applying 100% Silicone Roof Coatings. Do not use on coal-tar-pitch roofs, TPO membranes or any areas of ponding water.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHMBSB5</td>
<td>5 Gallon Pail</td>
<td>1 Gallon per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHMBSB55</td>
<td>55 Gallon Drum</td>
<td>1 Year</td>
<td></td>
</tr>
</tbody>
</table>

**SILICONE SKYLIGHT COATING**
A single-part roof coating manufactured from durable inorganic silicone elastomers, reinforcing pigments and silane adhesions promoters. Oxime neutral chemistry is not corrosive to metals.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHSISC1</td>
<td>1 Gallon Pail</td>
<td>1 Gallon perSq</td>
<td>2 Years</td>
</tr>
<tr>
<td>16MHSISC5</td>
<td>5 Gallon Pail</td>
<td>2 Years</td>
<td></td>
</tr>
<tr>
<td>16MHSISC55</td>
<td>55 Gallon Pail</td>
<td>2 Years</td>
<td></td>
</tr>
</tbody>
</table>

**115 CLEANER**
Highly effective cleaner removes dirt and deposits commonly found on roof decks. Apply with a 2000-psi power washer to cut through grease and rinse away. Apply by low pressure sprayer.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHA1155</td>
<td>5 Gallon Pail</td>
<td>1/4-1/2 Gallon per Sq</td>
<td>2 Years</td>
</tr>
<tr>
<td>16MHA11555</td>
<td>55 Gallon Drum</td>
<td>2 Years</td>
<td></td>
</tr>
</tbody>
</table>

**WALKWAY GRANULES**
EPDM color granules specially formulated to provide a non-slip surface over Silicone Roof Coating.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Color</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>09MHSISGTY</td>
<td>Gray</td>
<td>5 Gallon Pail</td>
<td>15 lbs per Sq</td>
<td>5 Years</td>
</tr>
<tr>
<td>09MHSISGTYW</td>
<td>Yellow</td>
<td>5 Gallon Pail</td>
<td>5 Years</td>
<td></td>
</tr>
</tbody>
</table>

---
SEBS+ ROOF COATING
Repair and restore of metal roofs. Use on barns, warehouses, metal trailers and shipping containers. Ultra-low moisture permeability prevents corrosion while high elasticity allows conformation to building movement.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Color</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHSE1WH</td>
<td>1 Gallon (4/ctn)</td>
<td>White</td>
<td>See Product Data Sheet</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHSE1BG</td>
<td>Base Coat Gray</td>
<td>Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE1BK</td>
<td>Dark Gray</td>
<td>Gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE1GY</td>
<td>Gray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE5WH</td>
<td>White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE5BG</td>
<td>Base Coat Gray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE5BK</td>
<td>Black</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE5DG</td>
<td>Dark Gray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE5GY</td>
<td>Gray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE55WH</td>
<td>White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE55BG</td>
<td>Base Coat Gray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE55BK</td>
<td>Black</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE55DG</td>
<td>Dark Gray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16MHSE55GY</td>
<td>Gray</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Colors shown are representative of product. Actual colors may vary.*
# SEBS ROOF COATING
Repair and restore of metal roofs. Use on barns, warehouses, metal trailers and shipping containers. Ultra-low moisture permeability prevents corrosion while high elasticity allows conformation to building movement.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHSER5W</td>
<td>5 Gallon Pail</td>
<td>1.25-1.5 Gallons per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHSER55W</td>
<td>55 Gallon Tote</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# SEBS BASE COAT
Elastomeric solvent-based coating intended for the repair and restoration of metal roofs. Ultra-low moisture permeability prevents corrosion while high elasticity allows conformation to building movement.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHSEBS5G</td>
<td>5 Gallon Pail</td>
<td>1.25-1.5 Gallons per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHSEBS55G</td>
<td>55 Gallon Tote</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# SEBS 1
A high-performance, multipurpose thermoplastic elastomer-based roofing sealant. Provides excellent adhesion to most surfaces including the list above. Use to seal seams, flashings and penetrations on all types of roofs. Ideal for roofing applications where appearance is important.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>30MHSEB1WH</td>
<td>White</td>
<td>(12) 10 oz tubes/ctn</td>
<td>White, Black, Bronze, Medium Bronze, Sandstone, Wicker/Tan, Clay, Pure Clear</td>
</tr>
<tr>
<td>30MHSEB1BK</td>
<td>Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1GY</td>
<td>Gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1DG</td>
<td>Dark Gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1CY</td>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1SA</td>
<td>Sandstone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1WT</td>
<td>Wicker/Tan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1MB</td>
<td>Medium Bronze</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1MU</td>
<td>Musket Brown</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1RB</td>
<td>Royal Brown</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1BZ</td>
<td>Bronze</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1AL</td>
<td>Aluminum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30MHSEB1PC</td>
<td>Pure Clear</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# SEBS PRIMER
Prime rusty roofs prior to application of SEBS Roof Coating and SEBS+ Roof Coatings. Also ideal for coating rusty metal roof decks prior to installation of new roofing systems.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHSEPR5</td>
<td>5 Gallon Pail</td>
<td>1.25 Gallon per Sq</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHSEPR55</td>
<td>55 Gallon Tote</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# SEBS SEAM SEALER
Is a premium, synthetic, rubber-based roofing sealant. It is intended for flashing, sealing and repairing metal roofs and trailers, built-up roofing, modified bitumen, TPO, PVC and many other single-ply systems. SEBS Seam Sealer is ideal for seams, metal flashings and fasteners. SEBS Seam Sealer is strong, elastic and adheres to most common roofing materials.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Coverage</th>
<th>Shelf Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>16MHSESS3</td>
<td>3 Gallon Pail</td>
<td>See Product Data Sheet</td>
<td>1 Year</td>
</tr>
<tr>
<td>16MHSESS5</td>
<td>28oz can - 12/ctn</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# SEBS 1 Color Options:
*Colors shown are representative of product. Actual colors may vary.
The information herein should not be considered all-inclusive and should always be accompanied by a review of the Mule-Hide specifications and guidelines and good application practices.

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