

# AWABASE SA

## Self-Adhering SBS Modified Base Sheet

PRODUCT DATA

### DESCRIPTION

AWABASE SA is a flexible, fiberglass reinforced, self-adhering rubberized asphalt sheet membrane with a polymer film on the surface to promote adhesion of the cap sheet and a removable treated release film on the adhesive side.

### USES

AWABASE SA is used in TAMKO Commercial SA roofing systems (Series 1500 & 1600 Specifications) with the AWAPLAN SA FR and AWASTAR SA FR cap sheets. AWABASE SA can be easily applied by removing the split release film from the adhesive side and pressing the base sheet's self-adhesive back surface into place.

### ADVANTAGES

- Strong fiberglass reinforcement for added stability during installation.
- Self-adhesive.
- Split release film for easier installation.
- Meets ASTM D 1970 and ASTM D 4601, Type II
- 5-year limited material warranty when applied in accordance with TAMKO application instructions together with AWAPLAN SA FR or AWASTAR SA FR cap sheets in a roofing system.

### CERTIFICATIONS

U.L. Classified Base Sheet for Class A, B, & C Roofing Systems

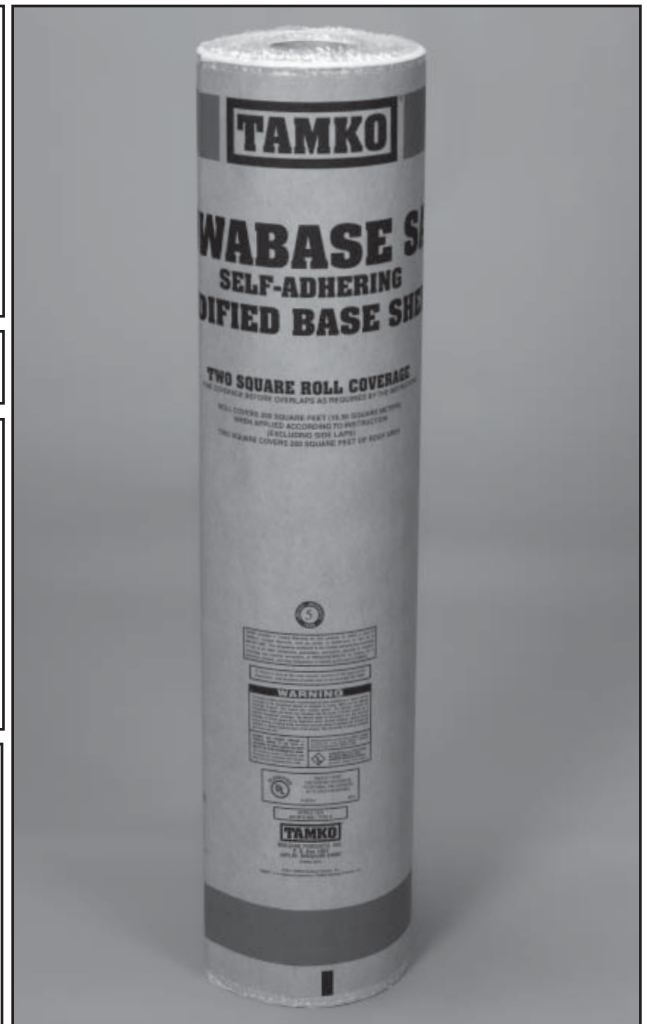
### LIMITATIONS

- Membrane should not be applied to damp, frosty or contaminated surfaces.
- Membrane should not come into contact with products containing coal-tar pitch.
- Membrane should not be used in applications with PVC roofing or other products that contain tackifiers, plasticizers or processing oils.
- Membrane should be applied when air, substrate and membrane temperatures are 45° F and rising.

### PRODUCT DATA<sup>1</sup>

Reinforcement	Fiberglass Mat
Asphalt Modifier	SBS
Roll Weight	70 lbs (31.8kg)
Roll Size	67'-10" x 39-3/8" (20.6m x 1m)
Product Thickness	61 mils
Coverage	2 square

<sup>1</sup>All values stated as nominal



**CAUTION:** This product contains formaldehyde. Formaldehyde has been classified as a "known" human carcinogen by the International Agency for Research on Cancer (IARC) and the National Toxicology Program. This product also contains oxidized asphalt. Occupational exposures to oxidized asphalt and its emissions during roofing have been classified by IARC as a "probable human carcinogen". Oxidized asphalt also contains Polycyclic Aromatic Hydrocarbons some of which have been classified by IARC as known or probable human carcinogens. The physical nature of this product may help limit any inhalation or dermal hazard during application and/or removal. However, physical forces such as sawing, grinding or drilling during demolition work and heating or burning may increase the inhalation or dermal exposure hazard of this product. Take precautions to prevent breathing and contact with skin.

tamko.com

Corporate 220 West 4th Street, Joplin, Missouri 64801  
 Central District 220 West 4th Street, Joplin, Missouri 64801  
 Northeast District 4500 Tamko Drive, Frederick, Maryland 21703  
 Southeast District 2300 35th Street, Tuscaloosa, Alabama 35401  
 Southwest District 7910 South Central Expressway, Dallas, Texas 75216  
 Western District 5300 East 43rd Avenue, Denver, Colorado 80216

800-641-4691  
 800-641-4691  
 800-368-2055  
 800-228-2656  
 800-443-1834  
 800-530-8868

**TAMKO**<sup>®</sup>  
**BUILDING PRODUCTS**

# AWABASE SA

## Self-Adhering SBS Modified Base Sheet

### PRODUCT DATA

#### TYPICAL PHYSICAL PROPERTIES

Property	Test Method/Standards	Typical Value
Thickness	ASTM D 1970, Min 40 mils	61 mils
Tensile Strength @ 73.4° F MD	ASTM D 1970, Min 25 lbf/in.	52 lbf/in.
Tensile Strength @ 73.4° F CD	ASTM D 1970, Min 25 lbf/in.	41 lbf/in.
Elongation Modified Bitumen Portion MD @ 73.4° F	ASTM D 1970, Min 10%	60%
Elongation Modified Bitumen Portion CD @ 73.4° F	ASTM D 1970, Min 10%	60%
Tear Resistance MD (lbf)	ASTM D 1970, Min 20 lbf	87 lbf
Tear Resistance CD (lbf)	ASTM D 1970, Min 20 lbf	77 lbf
Low Temperature Flexibility @ -20° F	ASTM D 1970, Pass	100% Pass
Seal-ability Around Nail (pass/fail)	ASTM D 1970, Pass	100% Pass
Waterproof integrity after low temperature Flexibility (pass/fail)	ASTM D 1970, Pass	100% Pass
Waterproof integrity of lap seam (pass/fail)	ASTM D 1970, Pass	100% Pass

Tests were conducted in accordance with the requirements listed in ASTM D 1970 and ASTM D 4601.

tamko.com

Corporate	220 West 4th Street, Joplin, Missouri 64801	800-641-4691
Central District	220 West 4th Street, Joplin, Missouri 64801	800-641-4691
Northeast District	4500 Tamko Drive, Frederick, Maryland 21701	800-368-2055
Southeast District	2300 35th Street, Tuscaloosa, Alabama 35401	800-228-2656
Southwest District	7910 South Central Expressway, Dallas, Texas 75216	800-443-1834
Western District	5300 East 43rd Avenue, Denver, Colorado 80216	800-530-8868

TAMKO® is a registered trademark of TAMKO Building Products, Inc.



# **AWABASE SA**

## **Self-Adhering SBS Modified Base Sheet**

PRODUCT DATA

### **GENERAL APPLICATION INSTRUCTIONS**

THIS PRODUCT IS FOR APPLICATION ONLY IN LIMITED STATES AND COUNTIES LISTED BELOW:

(1) IN THE STATES OF ALABAMA, ARKANSAS, ARIZONA, FLORIDA, GEORGIA, LOUISIANA, MISSISSIPPI, NEW MEXICO, NORTH CAROLINA, OKLAHOMA, SOUTH CAROLINA, TENNESSEE, TEXAS, (2) IN THE FOLLOWING COUNTIES IN THE STATE OF NEVADA: CLARK, ESMERALDA, AND NYE, AND (3) IN THE FOLLOWING COUNTIES IN THE STATE OF CALIFORNIA: ALAMEDA, CONTRA COSTA, IMPERIAL, INYO, KERN, KINGS, LOS ANGELES, MARIN, MERCED, MONTEREY, NAPA, ORANGE, RIVERSIDE, SACRAMENTO, SAN BENITO, SAN BERNARDINO, SAN DIEGO, SAN FRANCISCO, SAN JOAQUIN, SAN LUIS OBISPO, SAN MATEO, SANTA BARBARA, SANTA CLARA, SANTA CRUZ, SOLANO, SONOMA, STANISLAUS, VENTURA, AND YOLO.

For more information visit [tamko.com](http://tamko.com). The limited warranty for this product only applies in the permitted states and counties. Otherwise, this product is sold "AS IS" and without warranty of any kind including any implied warranty or condition of merchantability or fitness for particular purpose. See TAMKO's limited warranty for complete details.

Apply materials only in fair dry weather when the interface temperature (air, roof deck, membrane) is a minimum of 45°F and rising.

### **STORAGE OF AWABASE SA:**

All roofing materials must be properly stored in a dry location prior to application. Store materials on platforms off the ground or roof deck and covered with opaque waterproof tarps that have been properly tied down. During cold or damp environmental conditions, place the rolls in a heated area. Do not remove wrapper from the roll until ready to use. Wet or damp roofing materials must never be used in the construction of a TAMKO roof assembly. To prevent the rolls from becoming deformed or damaged, store them in a standing position with the labels right side up and not double stacked. If rolls become deformed, unroll the rolls on the roof and allow the sun to relax them. Any areas where accidental damage occurs to a roll must be cut out before the material is installed. All factory splices must be cut out prior to installation. If inadvertently installed, factory splices must be cut out and replaced with a full-width piece of like material that extends 6 in. on each side of the splice and placed in a 1/8 in. thick layer of TAM-PRO Q-15 Elastomeric Flashing Cement.

### **ROOF DRAINAGE:**

Proper and adequate drainage of roof surfaces is critical to performance of this product. A minimum roof slope of ¼ in. per ft. is recommended. Positive drainage is required and is the responsibility of those involved in the design and construction of the roof deck and supporting structure.

### **INSULATION OR AWA NAILBASE:**

The insulation (if applicable) should be installed according to the manufacturer's specifications in the thickness required. The insulation should conform to TAMKO requirements.

AWA NAILBASE (if applicable) installed prior to the application of AWABASE SA should be fastened in accordance with TAMKO requirements.

Consult the current TAMKO Commercial Roofing Specifications and Details Manual for specification options available online at [www.tamko.com/commercialspecs](http://www.tamko.com/commercialspecs).

### **LAYING THE BASE SHEET MEMBRANE:**

The roof deck must be smooth, dirt free, dry and free from irregularities. All exposed (open) edges must have wood nailers. In the case of steel or masonry roof decks, wood nailers shall be provided around the perimeter of the roof and around all openings so flashings may be securely fastened. All metal and masonry surfaces that receive a self-adhered sheet must be primed with TAM-PRO 813 Quick Dry Primer, TAM-PRO 814 Low VOC Primer, or TAMKO TWP-2 Water Based Primer. Begin all plies of roofing base sheet at the low points. Application will not be acceptable if at any point the flow of water is against the laps.

AWABASE SA is to be installed with side laps of 4 inches and end laps of 6 inches. Align the roll and pull both pieces of the split release film from the back of the base sheet to expose one to two feet of adhesive. Apply pressure to adhere the exposed adhesive to the top surface of the insulation, or AWA NAILBASE to assure solid contact. Pull both pieces of the split release film off the membrane as you unroll the roll. Once the entire sheet is in place, use a roller of adequate size and weight to ensure solid contact with the insulation, or AWA NAILBASE.

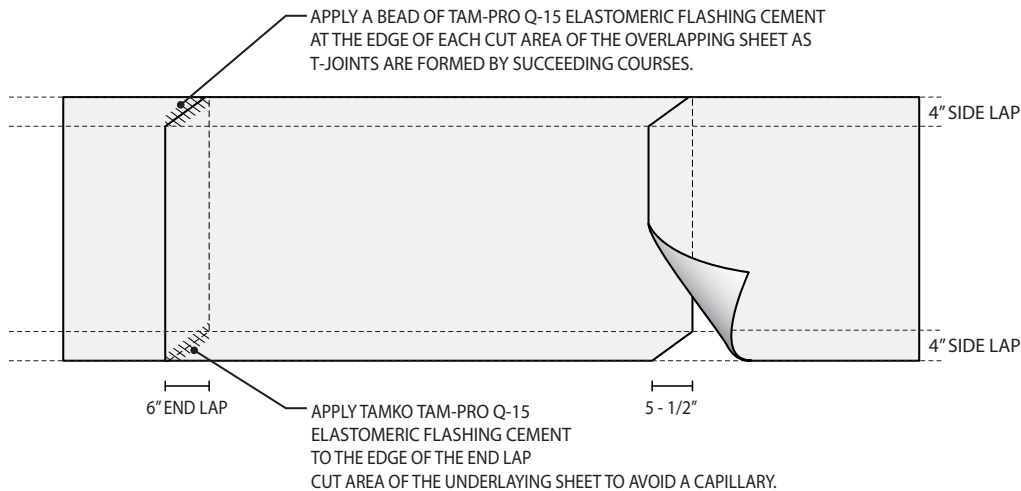
At all endlaps of AWABASE SA, cut and remove the lower corner of the underlying sheet and the upper corner of the overlapping sheet

# AWABASE SA

## Self-Adhering SBS Modified Base Sheet

### GENERAL APPLICATION INSTRUCTIONS (CONTINUED)

to provide a tapered transition at the T-joints. Cut on a diagonal angle 5-1/2 in. long from the end of the roll to the outside edge. The width of the cut should be 4 in. - the same width as the side lap. (See illustration below).



Apply a 1/8 in. thick layer of TAM-PRO Q-15 Elastomeric Flashing Cement in the end lap cut area of the underlying sheet. Remove the release film and press the top sheet into the mastic. Apply a bead of TAM-PRO Q-15 Elastomeric Flashing Cement at each cut area of the overlapping sheet as T-joints are formed by succeeding courses.

An alternative installation method involves unrolling the entire roll and aligning it. Apply the down slope half of the sheet first by removing the split release film from the entire length of the roll on the down slope side and pressing the base sheet into place. Then remove the release film from the up slope half of the roll and press it into place. Roll the entire sheet with a roller of adequate size and weight to ensure solid contact with the insulation or base sheet. End laps should be completed in the manner described above.

Once the AWABASE SA membrane has had a chance to bond, check all laps and joints for full adhesion. If the membrane can be lifted at any area it is not properly adhered. A seam probing tool can be used to check for small voids at the laps. If necessary, use a hand-held hot air welding tool and seam roller to heat the lap and press into place to ensure proper adherence at the lap.

Information included in this product data sheet was current at time of printing. To obtain a copy of the most current version of this product data sheet, visit us online at [tamko.com](http://tamko.com) or call us at 800-641-4691.

This product is covered by a 5-year limited material warranty. For information regarding or a copy of TAMKO's limited warranty, contact your local TAMKO representative, visit us online at [tamko.com](http://tamko.com), or call us at 800-641-4691.

[tamko.com](http://tamko.com)

Corporate	220 West 4th Street, Joplin, Missouri 64801	800-641-4691
Central District	220 West 4th Street, Joplin, Missouri 64801	800-641-4691
Northeast District	4500 Tamko Drive, Frederick, Maryland 21701	800-368-2055
Southeast District	2300 35th Street, Tuscaloosa, Alabama 35401	800-228-2656
Southwest District	7910 South Central Expressway, Dallas, Texas 75216	800-443-1834
Western District	5300 East 43rd Avenue, Denver, Colorado 80216	800-530-8868

