

ADHESIVE #9

Premium Quality Roofing
& Building Maintenance Products



Cold Process Roof Cement

High performance interply adhesive for built-up roofing.

ADHESIVE #9

*... the world's best
cold process
interply adhesive.*

Helps eliminate common bonding problems.

Successful performance of a built-up roof system depends greatly upon the adhesive used to bond the various components of the system together. Many premature failures found in built-up roofs today can be traced directly to poor adhesive performance.

Open seams and other forms of delamination can be greatly minimized by using an adhesive designed specifically for this critical roof function. SWEPCO Adhesive #9 is just that . . . a premium quality cold applied adhesive, manufactured from specially selected and refined "Heart of Texas" Asphalt, High Strength Micro Fibers, a special plasticizing resin which improves pliability and adhesion and a highly effective chemical additive which enhances bondability. This formulation gives SWEPCO Adhesive #9 unsurpassed temperature stability, flexibility and long term strength of bond.

Special asphalt provides improved flexibility & bondability.

Improved performance starts with a premium grade of asphalt. By definition, "Heart of Texas" Asphalt is asphalt which



meets an extraordinarily narrow set of physical characteristics. To meet these specifications, raw petroleum crude is vacuum distilled to remove gases, fuels, lubricant fractions and various impurities. It is then "air blown" to establish the optimum softening point for its function. This is a critical step in processing. If the asphalt is too soft, it becomes fluid in hot weather and weakens the bond. This can allow harmful movement of the roof membrane. If the asphalt is too hard it becomes brittle and inflexible in cold weather and resists normal motion on the roof. This creates shearing stress which can break the bond and weaken the waterproofing membrane. "Heart of Texas" Asphalt's optimum softening point results in an asphalt

perfectly suited for adhesion of built-up membranes.

High Strength Micro Fibers & Dia-Seal add temperature stability.

The critical balance between all weather flexibility and resistance to hot weather flow is called temperature stability. SWEPCO achieves temperature stability through the addition of High Strength Micro Fibers & DiaSeal. These premium quality stabilizers reinforce "Heart of Texas" Asphalt much like steel reinforces concrete. By controlling hot weather flow and sag independently of the softening point of the asphalt, they permit use of a softer, more flexible asphalt than would otherwise be possible. This combination assures a strong, all-weather, all-climate bond.



ROOF CEMENT

Special plasticizing resin increases flexibility & adhesion.

To further enhance the natural flexibility and bondability of "Heart of Texas" Asphalt, SWEPCO Adhesive #9 is formulated with a special plasticizing resin. This resin improves the pliability of the adhesive, allowing the adhesive to expand and contract more readily when the roof membrane is subjected to rapid changes in temperature or other stresses. In addition, it enhances the adhesive quality of the product. Because it reacts more readily to these normal roof stresses, SWEPCO Adhesive #9 resists the shearing forces which often cause other adhesives to fail prematurely.



Cold process formulation permits easier, more controlled application.

SWEPCO Adhesive #9 is applied straight from the container with brush, squeegee or airless spray equipment. It requires no heating, thinning or mixing and eliminates both the fire hazards and labor associated with these steps. Its smooth consistency is always correct for uniform application.

Temperature of the product is not a critical factor as it is with hot applied adhesives. And there's no chance of damage to roofing felts from excessive application temperatures. It sets up to the proper degree of tackiness in minutes, but

remains "workable" for any adjustments that may be required following initial placement.

Without the necessity of haste, created by hot-applied adhesives, mistakes need not be "buried" in the roof system. If workmen get roofing felts out of alignment, they

simply lift them up and realign them.

Zonamine creates a stronger, more uniform, longer lasting bond.

To insure superior adhesion, SWEPCO has formulated SWEPCO Adhesive #9 with a highly effective additive, Zonamine. By breaking down the surface tension which causes poor penetration and bonding in many roofing adhesives, Zonamine permits complete, uniform penetration and bonding. The result is a waterproofing membrane with improved strength, wind uplift resistance and resistance to all common forms of delamination.



ISO 9001

Specify SWEPCO Adhesive #9 for a roof that will last.

For a roof that will weather the elements year after year, specify SWEPCO Adhesive #9 . . . the world's best cold process interply adhesive.

SWEPCO ADHESIVE #9

Description & Purpose

SWEPCO Adhesive #9 is a high performance cold process interply adhesive and roofing cement. It is manufactured from premium quality "Heart of Texas" Asphalt, High Strength Micro Fibers, a special plasticizing resin to enhance long term flexibility and other special chemical ingredients which insure superior performance. It is especially designed for use as an interply adhesive and insulation adhesive in built-up roofing applications. Especially recommended for installation of SWEPCO Heavy Duty PolyPly, SWEPCO Asphalt Roll Roofing, SWEPCO Uni+Shield II Modified Bitumen Roofing Membrane and many other conventional roof membrane materials.

Meets or Surpasses

ASTM D-3019, Type III & Canadian Government Standard CGSB-37.4-M89.

Outstanding Benefits

SWEPCO Adhesive #9 offers a number of important benefits over conventional roofing adhesives:

- Cold process technology allows more control over application and fewer application mistakes.
- "Heart of Texas" Asphalt insures long term flexibility.

- High Strength Micro Fibers insure temperature stability.
- Special plasticizing resin allows contraction and expansion with roof stresses.
- Zonamine enhances bondability.
- Safer, faster application.

Application Information

Apply straight from the container with standard roofing brushes, squeegees or airless spray equipment. It requires no heating or thinning. The roof should be sound, clean and dry. All loose gravel, dust, dirt and debris must be cleaned from the roof. Surfaces must also meet all requirements specified in applicable System Installation Instructions.

Coverage Rates

Recommended minimum coverage rates vary from a low of 1.5 gal. per 100 sq. ft. (1.22 liters/m²) to a maximum of 4.00 gal. per 100 sq. ft. (1.22 liters/m²), depending upon the type of surface and type of system being installed. Actual "material requirements" for a project may differ from the recommended coverage rate due to lapping of plies.

Note: See Product Container Labels, Product Data Bulletins and applicable System Installation Instructions for complete information.



Southwestern Petroleum Corporation