

# FLEX·SHIELD<sup>®</sup>

Premium Quality Roofing  
& Building Maintenance Products



## Roof Coating

*Environmentally friendly waterproofing for concrete,  
asphalt, asbestos cement & metal roofs.*

# FLEX•SHIELD

## It doesn't just waterproof, it makes roofs last longer.

SWEPCO Flex•Shield® Roof Coating is more than just a waterproofer for industrial and commercial roofs. SWEPCO Flex•Shield® Roof Coating is an economical protective coating. In addition to waterproofing both new and existing roofs, it protects costly roof membranes, insulation and decks from deterioration.

It makes both old and new roofs last longer. A roof protected with SWEPCO Flex•Shield® Roof Coating lasts longer because it's protected from moisture penetration, oxidation and erosion, the most common causes of roof failure.

## Outlasts ordinary coatings.

SWEPCO Flex•Shield® Roof Coating outperforms conventional asphalt waterproofing materials in a number of ways, the most important of which is service life. SWEPCO Flex•Shield® is a "state-of-the-art" water-base mineral colloid emulsion coating with superior weathering characteristics. Its outstanding resistance to oxidation slows down the natural aging process and makes it last longer. It waterproofs without blistering or peeling be-

*... the world's best asphalt emulsion waterproofing coating.*



cause its unique film "breathes" during curing. And it has superior natural resistance to cracking, alligating and erosion. These natural performance features create a protective coating which lasts longer than most types of waterproofing coatings.

## Superior fire resistance.

SWEPCO Flex•Shield® Roof Coating has superior fire resistance. In fire situations, SWEPCO Flex•Shield® "chars in place" instead of melting, running, spreading the flame and feeding the fire. No other type of asphalt coating performs better in fire situations. SWEPCO Flex•Shield® Roof Coating meets or exceeds each of the following important standards for fire retardant roof coatings: the American Society of Testing & Materials Specification D-1227, Type II, Class 1, Canadian Government Specification CGSB-37.28-M89 and US Military Specification MIL-R-3472A.

## Easier, faster, less costly application.

Application of SWEPCO Flex•Shield® Roof Coating is easy, fast and simple. It's a "cold process" coating which means it is applied just as it comes from the container.

No dangerous heating. No objectionable odors from kettles or pollution. No special equipment. No large work



# ROOF COATING

crews disrupting business. Ease of application means fewer problems and reduced costs for application labor.

## Reduces roof maintenance costs.

SWEPCO Flex•Shield® Roof Coating eliminates many of the problems and much of the cost associated with typical gravel surfaced roofs. Besides adding weight and expense to roofs, gravel often creates drainage problems which can actually make a roof deteriorate more quickly. It hides small problems until they become bigger, more costly problems. And, it inflates general maintenance costs because it must be removed before other work can be started.

SWEPCO Flex•Shield® Roof Coating's outstanding resistance to weathering, flow and fire and its compatibility with modern energy efficient reflective coatings make the use of gravel unnecessary. Periodic inspection becomes a task measured in minutes instead of hours. And, when maintenance does finally become necessary, it costs less because it takes less time. Because it's formulated with maintenance in mind, SWEPCO Flex•Shield® Roof Coating insures continued savings well beyond its own service life.



ISO 9001

## Eliminates roofing pollution.

A state of the art water-base formula-tion means SWEPCO Flex•Shield® Roof Coating won't pollute the environment. It doesn't contain the

heavy concentrations of petroleum solvents used in other coatings.

## It's what goes in that makes it the best.

Only the very finest ingredients are used in SWEPCO Flex•Shield® Roof Coating: SWEPCO's "Heart of Texas" Asphalt, a premium quality waterproofing asphalt carefully selected and refined for maximum flexibility, bond-ability and resistance to weathering. A special grade of bentonite is then milled into the asphalt to provide exceptional resistance to weathering. High Strength Micro Fibers are added to enhance resistance to flow and sag in hot weather and improve resistance to oxidation, cracking and erosion.

On the roof, this superior mineral colloid emulsion formulation creates a tough, durable film of protection. A microscopic cross section would reveal a loose arrangement of individual asphalt particles, each coated and cemented together with a hard exterior of bentonite. This unique physical structure has weathering characteristics superior to any other type of waterproofing asphalt.

# BRIEF

## SWEPCO FLEX•SHIELD® ROOF COATING

### Description & Purpose

SWEPCO Flex•Shield® Roof Coating is a superior mineral colloid water-base asphalt emulsion roof coating. It is manufactured from premium quality "Heart of Texas" Asphalt, High Strength Micro Fibers, a select grade of bentonite and other special chemical and mineral ingredients which insure a durable, long lasting protective coating. It is designed to waterproof, protect and preserve concrete roofs, smooth asphalt roofs, gravel covered asphalt roofs, mineral granule covered asphalt roofs, asbestos cement roofs and exposed metal roofs. It is designed for both new roofing and a variety of maintenance applications.

### Meets or Surpasses

- ASTM D-1227, Type II, Class 1; Canadian Government Standard CGSB-37.28-M89 & US Military Specification MIL-R-3472A

### Outstanding Benefits

- ■ It doesn't just waterproof, it makes roofs last longer.
- ■ It outlasts conventional coatings.
- ■ It waterproofs without blistering.
- ■ It has greater fire resistance.
- ■ It's easier, faster and less costly to apply.
- ■ It reduces roof maintenance costs.
- ■ It eliminates roofing pollution.

### Application Information

Apply straight from the container with soft bristle roofing brushes, squeegees or airless spray equipment. Requires no heating or thinning, but will require mixing if it has been stored for some time. The roof must be sound and clean. All loose gravel, dust, dirt and debris should be cleaned from the roof. Priming of surfaces is usually recommended before application. To insure proper application during hot weather, the roof surface should be dampened lightly and uniformly with clean water prior to application. Do not apply in temperatures below 40°F (4°C), rainy weather or if rain is expected before complete curing can take place.

### Coverage Rates

Recommended minimum coverage rates vary from a low of 1.75 gal. per 100 sq. ft. (0.71 liters/m<sup>2</sup>) to a maximum of 9.00 gal. per 100 sq. ft. (3.68 liters/m<sup>2</sup>), depending upon the type of surface and type of system being installed.

### Curing

SWEPCO Flex•Shield® Roof Coating normally cures within 24 hours of application. It should, however, be allowed to cure a minimum of 14 days before application of other coatings, such as SWEPCO Aluminum Roof Shield.

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



Southwestern Petroleum Corporation