



Flex•Shield® Patching Compound

When you want roof flashing and repair work to last, choose . . . SWEPCO Flex•Shield® Patching Compound . . . the most reliable roofing cement of its kind. A special milling process combines SWEPCO's premium quality "Heart of Texas" Asphalt with the highest grades of bentonite available to create a mineral colloid asphalt water-base emulsion with outstanding weathering characteristics. High Strength Micro Fibers and two other special stabilizers are added to enhance resistance to flow and sag in hot weather and improve resistance to cracking and erosion. The result is a product with superior flexibility, bondability, resistance to weathering and exceptional long term performance. It is an excellent waterproofing mastic for new flashing work and repair of cracks, blisters or other types of deterioration. When you want to do it only once, do it with Flex•Shield® Patching Compound.



KEY FEATURES

- breakthrough high solids polymerized urethane formula
- prolongs life span of existing roofs
- saves cost & inconvenience of roof tear off & disposal
- recommended for protection of weathered smooth or granule surfaced modified bitumen, built-up asphalt, metal, EPDM, PIB, CSPE, CPE, PVC and SPUF roofs
- superior elongation, cold flex, adhesion, impact resistance
- highly resistant to hail, standing water, oxidation, acid rain and harsh industrial environments
- saves time & labor -- just mix, pour and spread
- safer application -- no torches or molten asphalt
- self-leveling feature insures completely seamless, attractive new waterproofing membrane
- accepts light foot traffic in as little as thirty minutes
- highly maintainable surface means cost effective life
- reflective coating insures continuing energy savings

Use With Heavy Duty Patching Fabric For Added Strength



FLASHINGS & SEAMS



REPAIRS

For added strength, use Flex•Shield® Patching Compound with Heavy Duty Patching Fabric. This combination is especially effective for reinforcement of most types of flashings and repair of cracks, blisters and other roof defects.

PERFORMANCE



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DESCRIPTION & PURPOSE

Flex•Shield® Patching Compound is a superior premium quality mineral colloid asphalt emulsion (water base) waterproofing compound manufactured from "Heart of Texas" Asphalt, a special grade of bentonite, High Strength Micro Fibers and other mineral and chemical ingredients which enhance long term performance. It is designed for effective, durable repair of a wide range of roof stress points and deteriorated areas, including new and old flashing waterproofing and repair of cracks, blisters and other types of trouble spots.

PHYSICAL PROPERTIES

- Impermeable
- Bonds readily
- Uniform consistency
- Resistant to acids, alkalis, bacteria, rust, corrosion and most industrial fumes
- Unit Weight: 9.57 lbs./gal. (1.15 kg/liter)
- Flash Point (in container): None
- Combustibility: Non-combustible

MEETS OR SURPASSES

ASTM D1227, Type II, Class 1

SURFACE PREPARATION

The surface must be clean. Dust, dirt and loose debris or poorly bonded materials must be removed. Priming with a primer such as SWEPCO Flex•Shield® Primer will enhance performance. Consult applicable system installation instructions for additional requirements and when used in a SWEPCO Roof System.

APPLICATION

Trowel over area to be repaired, feathering at edges. When used with Heavy Duty Patching Fabric, embed Fabric into an initial layer of Flex•Shield Patching Compound and then apply an additional layer of Flex•Shield Patching Compound over Fabric.

COVERAGE RATE

Typical usage rate is 1.0 lb./sq. ft. (4.88 kg/m²) total for top and bottom layer when used with Heavy Duty Patching Fabric.

CURING

Curing time depends greatly upon temperature and humidity. It will usually cure within 24 hours.

PACKAGING

Available in 50-pound (23 kg) pails and 500-pound (227 kg) drums.

STORAGE

Minimum shelf life of one year when stored unopened between 40°F (4°C) and 105°F (40°C). After opening, containers should be tightly resealed to protect remaining product. Containers must be protected from freezing.

CLEAN-UP

Clean-up spills and tools with soap and water before curing or with kerosene or mineral spirits after curing.

Southwestern Petroleum Corporation