

Premium Quality Roofing  
& Building Maintenance Products



**HEAVY DUTY**



# **PATCHING COMPOUND**

**& HEAVY DUTY PATCHING FABRIC**

*Premium quality flashing and repair materials  
designed for use in both new roof construction and roof maintenance.*

## PATCHING COMPOUND

### Formulated for the tough waterproofing jobs.

It takes a tough product to provide reliable waterproofing at edge, wall and protrusion flashings. Stresses concentrated in these areas can quickly destroy inferior patching materials. Just as difficult is finding a patching material that works well in all repair situations . . . tough ones such as blisters, cracks and metal seams.

Heavy Duty Patching Compound is the answer for both new roof construction and routine maintenance . . .

a heavy-duty, asphalt-base waterproofing mastic, manufactured from specially selected and refined "Heart of Texas" Asphalt, High Strength Micro Fibers, select mineral stabilizers and reinforcers

and two special SWEPSCO additives which inhibit oxidation and promote better bonding. Used before leaking occurs, Heavy Duty Patching Compound seals, reinforces and waterproofs problem areas.

### Superior resistance to cracking & tearing.

Heavy Duty Patching Compound has superior resistance to cracking and tearing under normal roof stresses because it stays flexible and pliable longer.

The specially selected "Heart of Texas" Asphalt provides flexibility, bondability and weatherability not found in common waterproofing asphalt. As a result, Heavy Duty Patching Compound has more resistance to the normal roof stresses which cause most repairs to fail.

### Stays flexible longer because it's fortified with ZHD-7.

Oxidation is one of the major causes of failure of asphalt waterproofing materials,

causing age hardening, embrittlement and cracking. But Heavy Duty Patching Compound is formulated with ZHD-7, SWEPSCO's highly effective chemical oxidation inhibitor. ZHD-7 slows down the natural aging process. In the



heated state produced by ultra-violet radiation, the free oxygen molecules which cause oxidation react more readily with the ZHD-7 than with the asphalt. Much of the available oxygen is actually consumed by ZHD-7 before it can harm the asphalt. And the process is a continuous one, because, as ZHD-7 reacts with the available oxygen, it forms a new molecular arrangement which continues to consume more of the harmful free oxygen molecules. Result -- the completed repair or flashing assembly retains its flexibility and pliability longer.



# IT'S TOUGH

## High Strength Micro Fibers add strength & durability.

High Strength Micro Fibers are added to increase strength and durability, as well as enhance temperature stability. The fibers stay evenly distributed throughout Heavy Duty Patching Compound, both in the container

and on the roof, to provide uniform strength, durability and temperature stability.



Two other superior mineral stabilizers, Dia-Seal and Finely Milled Blue-Black Slate, are also added to further improve tensile strength and resistance to erosion and abrasion. This highly effective combination of three of the finest mineral stabilizers and reinforcers available adds measurably to the overall durability and weatherability of Heavy Duty Patching Compound.



ISO 9001



## Zonamine promotes superior bondability.

Another special SWEPCO

additive, Zonamine, promotes formation of a tight, strong, durable and uniform bond every time . . . the kind of strong bond that resists peeling, shrinking and delamination. Zonamine also permits effective use of Heavy Duty Patching Compound for temporary emergency repairs on clean, wet surfaces.

## Exceptional ease & versatility.

Use it for long lasting roof maintenance and new flashing work. Works on asphalt, concrete, masonry, metal and wood. Seal cracks, blisters, open seams and either new or deteriorated flashings at vents, skylights, pitch pans, metal seams, gravel guards and flashing flanges. Caulk small cracks, copings, counter flashings, drainage gutters and other common trouble spots. The smooth troweling consistency makes it easy to use straight from the container.



***Here's dramatic proof . . . unretouched photos of Heavy Duty Patching Compound (left) and two leading competitors (middle & right) after a 1,000 hour accelerated weathering test. Notice varying degrees of oxidation of the competitors and lack of oxidation on the SWEPCO sample. Which do you want on your roof?***

# HEAVY DUTY

## PATCHING FABRIC

Heavy Duty Patching Fabric is a strong reinforcing material designed for use with Heavy Duty Patching Compound. It reinforces Heavy Duty Patching Compound repair work just as steel is used to reinforce concrete. Embedded between layers of Heavy Duty Patching Compound, it strengthens repairs to help prevent cracking and splitting.

It exceeds the requirements of U.S. Federal Specification H-C-466, Type 1 and ASTM Designation D-1668, Type 1.

### Tough, glass fiber mesh.

Heavy Duty Patching Fabric is an inorganic mesh, coated with a high quality waterproofing resin. It is many times stronger than most original roofing felts and is highly resistant to heat, rotting, mildew, tearing and other forms of deterioration. The open weave design allows Heavy Duty Patching Compound to thoroughly penetrate the fabric for a strong, durable repair job.

### Ideal for all patching jobs.

Heavy Duty Patching Fabric is the perfect material for strengthening repairs of edge, wall and protrusion flashings at vents, skylights, pitch pans and other roof fixtures. It is also excellent for repair of blisters, cracks, open seams and seams in metal roofs.



### Easy to use.

Rolls on smoothly without warping, shrinking,

wrinkling or tearing. Conforms to most shapes and is easily cut to fit those hard-to-patch places on the roof.

### Application Information

Apply Heavy Duty Patching Compound straight from the container with gloved hand or trowel. No thinning, mixing or heating is required. For permanent repairs, the surface must be sound, clean and dry. On gravel, granule or other aggregate covered asphalt surfaces, all embedded aggregate must be scraped or spudded off the area to be repaired. On metal surfaces, surface impurities such as rust and corrosion should be removed by wire brushing.

### Coverage Rates

Heavy Duty Patching Compound coverage varies depending on the width of Heavy Duty Patching Fabric used:

- When Using 6 in. (15.24 cm) Fabric . . . 0.50 lb/lineal ft. (0.74 kg/m)
- When Using 12 in. (30.48 cm) Fabric . . . 1.00 lb/lineal ft. (1.49 kg/m)
- When Using 36 in. (91.44 cm) Fabric . . . 3.00 lb/lineal ft. (4.46 kg/m)

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



Southwestern Petroleum Corporation

