



gs 150

1. description

gs 150 is a high quality, hot-applied asphalt specifically formulated to provide excellent weather ability and flexibility. It is compatible with standard roofing equipment and can be applied either by hand mopping or with the use of a mechanical spreader. It is manufactured using a carefully controlled process employing very uniform and consistent crude sources. The refining operation is designed to maintain plasticizing oils that are normally removed from standard roofing asphalts. These important oils ensure superior weathering characteristics and the highest performance throughout the life of the roofing system.

2. recommended uses

This hot-applied asphalt shall be suitable for mopping, pumping and for use with mechanical applicators to:

- a. Fully adhere insulation to approved substrates.
- b. Fully adhere insulation to approved insulation.
- c. Laminate compatible ply sheets, base sheets and vapor retarders.
- d. As a quality surfacing material for new built-up roof assemblies.

3. benefits

- a. Can be applied by conventional methods, thus eliminating need for costly and specialized equipment purchases.
- b. Secures gravel cover and provides a weather-resistant top protective coating.
- c. Classified by Underwriters Laboratories, Inc. as to an external fire exposure only.
- d. Contains no asbestos.
- e. Approved by Factory Mutual Research Corporation per FM Standard 4470, 1(A)-90.
- f. Exceeds minimum requirements of ASTM Specification D 312, Type III.
- g. Superior physical properties result in higher performance BUR systems.

4. physical features

property	typical values	test method
softening point (°F)	185 - 205	D36
flash point (°F)	550 or greater	D92
penetration	20 units, 25 °C	D5
ductility	4.0 cm, 25 °C	D113
penetration index	3.0	calculated value



4. physical features (continued)

property	typical values	test method
tensile strength	90 psi	D412
elongation (%)	150	D412
density	1.0 or greater	D70
fire resistance	Pass. Class A	E108/UL 790
asbestos content (%)	0	EPA/600/R-93/116
cold temperature bend (°F)	40	D3111
softening point temperature fallback (°F)	10 or less	HRC 632 (5 hours, 500°F, 450 g, material in closed one quart container)
Contact compatibility with asphaltic materials (oliensis test), mm 122°F / 72 hours, width of ring, mm		
asphalt coated polyester sheet	0.00 mm	D1370
asphalt coated glass sheet	0.00 mm	D1370
asphalt coated glass/polyester sheet	0.00 mm	D1370