



gss 120

1. description

gss 120 is 120 mills (3 mm) thick and formulated with high quality asphalt which is modified with styrene-ethylene-butylene-styrene (SEBS) and styrene-butadiene-styrene (SBS) block copolymers. This product is reinforced with a core of 180 g/m² nonwoven, high strength polyester. This unique blend of components allows the membrane to absorb significant thermal shock and remain flexible at very low temperatures.

2. recommended uses

- a. As part of a high performance, modified bitumen roof system using hot asphalts or cold adhesives.
- b. As a top protective, weather-resistant surfacing ply.
- c. For construction of high performance flashing systems.

3. benefits

- a. May be applied either by hot-mopping with asphalt or with cold-applied adhesives.
- b. Weather-resistant for long-term protection.
- c. Excellent cold weather performance.
- d. Uniform layer of protection provided by quality control during manufacture.
- e. Exceeds ASTM D 6164, Type I (S) requirements.
- f. Classified by Underwriters Laboratories, Inc.® as to an external fire exposure only.
- g. Contains no asbestos.
- h. Meets requirements of Factory Mutual Research Corporation® Standard 4470, Class I (A)-90.

4. physical features

property	typical values			test method
	D6164	MD	XD	
load strain properties at 77° F (25° C)				
maximum load (lbs. / in)		93	63	D6164
elongation @ maximum load (%)		56	61	D6164



4. physical features (continued)

property	typical values			test method
	D6164	MD	XD	
load strain properties at 0° F (-18° C)				
maximum load (lbs. / in)		127	98	D6164
elongation @ maximum load (%)		34	29	D6164
tear strength at 77°F (25°C)				
tear strength (lbf)		120	87	D6164
dimensional stability				
absolute dimensional change (%)	0.5			D6164
low temperature flexibility				
low temperature cracking does not occur (°F)	-15°			D6164
compound stability				
Temperature at which flow drip/drop formation observed (°F)	250°			D6164
thickness				
average value	120 mils			D6164
net mass per unit area (lbs / 100 sq. ft.)				
average value	83			D228
asbestos content				
average value (%)	0			EPA/600/R-93/116
fire resistance				
average value	Pass, Class A			UL 790/E108
length				
average length	33 ft			Tape Measure