



gps 160

1. description

gps 160 is a 160 mils (4 mm) thick, fire-rated surfacing membrane formulated with high quality asphalt which is modified with both styrene-ethylene-butylene-styrene (SEBS) and styrene-butadiene-styrene (SBS) polymers. Reinforced with a core of 180 g/m² nonwoven polyester, this unique blend of materials allows the membrane to perform under extreme stress conditions, maintaining its flexibility and seam integrity. This product is available with white granules for surface protection, reflectivity, and aesthetic value.

2. recommended uses

- a. As a top protective, weather-resistant surfacing ply.
- b. 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. Very good cold weather performance.
- d. Uniform layer of protection provided by quality control during manufacturing.
- e. Classified by Underwriters Laboratories, Inc. as to an external fire exposure only.
- f. Contains no asbestos.
- g. Exceeds requirements of ASTM D 6164, Type I (G).
- h. Meets requirements of Factory Mutual Research Corporation^o 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
tensile 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	160 mils			D6164
granulate embedment (grams loss), max.				
average value	2			D6164
net mass per unit area (lbs / 100 sq. ft.)				
average value	113			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