



gs IV

1. description

gs IV is a high performance, fiberglass ply sheet. It can be used as an underlayment in a two ply configuration for modified bitumen sheets. It offers high strength and excellent application characteristics with a non-rotting, water-resistant reinforcement.

2. recommended uses

- a. As a ply sheet with green systems BUR and modified bitumen systems.
- b. For use as a component in gss, gpa and spa assemblies.

3. benefits

- a. High quality, non-rotting ply sheet.
- b. Classified by Underwriters Laboratories, Inc.® as to an external fire exposure only.
- c. Can be used with conventional roofing equipment, eliminating the need for special equipment which may increase the cost of your job.
- d. Easy to handle and apply.
- e. Contains no asbestos.
- f. Meets the requirements of ASTM D 2178 for Type IV glass felts.
- g. Meets the requirements of Factory Mutual Research Corporation Standard 4470, 1 (A) 90.
- h. Approved by the Metropolitan Dade County Building Code Compliance Department and Building Code Committee.

4. physical features

property	typical values	test method
breaking strength (lbf / in, min.)	44	D2178
pliability	pass	D2178
ash	70 - 88	D2178
bituminous saturant (lb / 100 ft ² , min.)	3.0	D2178
mass of desaturated glass felt (lb / 100 ft ²)	1.7 - 1.9	D2178
moisture (% , max.)	1.0	D2178
asbestos content (%)	0	EPA/600/R-93/116
fire resistance	Class A	E108/UL 790
adherent comminuted surfacing (lb / 100 ft ²)	2.5	D2178
dry mass of asphalt impregnated glass (lb / 100 ft ² , min.)	6	D2178