

# Ruberoid® SBS Heat-Weld™ 170 FR

Data Sheet

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From North America's Largest Roofing Manufacturer™*



# RUBEROID®

## SBS HEAT-WELD™ 170 FR

### Description

RUBEROID® SBS HEAT-WELD™ 170 FR is a tough, fire-retarding SBS modified bitumen membrane that can be installed without the use of hot asphalt. Its core is a strong, resilient, non-woven polyester mat that is coated with an inherently fire retardant polymer modified asphalt and surfaced with mineral granules.

### Uses

RUBEROID® SBS HEAT-WELD™ 170 FR is designed for new roofing and recovering applications as well as the construction of flashings. RUBEROID® SBS HEAT-WELD™ 170 FR is also an ideal product for repairs of built-up roofing membranes or other modified bitumen systems.

### Advantages

- Typical system guarantees available for up to 15 years, select system constructions available with up to 20 year guarantee coverage.
- Lightweight—installed roof designs weigh less than 2 pounds per square foot.
- Durable—specially formulated modified asphalt gives RUBEROID® SBS HEAT-WELD™ 170 FR lasting performance.
- Specially formulated poly burn-off film allows for easy installation.
- Heat welding allows for kettle free operation.
- Resilient—RUBEROID® SBS HEAT-WELD™ 170 FR polyester mat core

### Advantages (Continued)

- allows it to resist splits and tears due to its pliability and elongation characteristics.
- RUBEROID® SBS HEAT-WELD™ 170 FR membrane is backed by GAF Materials Corporation, a company with over 100 years in the roofing business.
- No coatings required for Class A ratings from UL and FMRC.
- Available with granular surface: black, white.



### Applicable Standards

|                                            |
|--------------------------------------------|
| Meets ASTM D6164, Type I, Grade G          |
| FM Approved                                |
| Meets CGSB-37-GP-56M                       |
| ICC ESR#1274                               |
| Miami-Dade County Product Control Approval |
| State of Florida Product Approval          |
| Texas Department of Insurance              |
| UL/ULc Listed                              |

### Products Specifications (nominal)

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Roll Size           | 1 square<br>(107.7 gross sq.ft.) (10.0m <sup>2</sup> ) |
| Roll Length         | 32.6' (9.9m)                                           |
| Roll Width          | 39.625" (1.0m)                                         |
| Approx. Roll Weight | 104 lbs (47.2kg)                                       |
| Product Thickness   | 0.161" (4.1mm)                                         |

This product meets or exceeds the following ASTM D6164, Type I, Grade G, minimum requirements:

| Property                              | Test Method | Value |
|---------------------------------------|-------------|-------|
| Tensile Strength @ 0°F (min), lbf/in  | ASTM D5147  | 70    |
| Elongation @ 0°F (min), %             | ASTM D5147  | 20    |
| Low Temperature Flexibility (max), °F | ASTM D5147  | 0     |
| Tear Strength (min), lbf              | ASTM D5147  | 55    |
| Dimensional Stability, (max)%         | ASTM D5147  | 1     |