



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-Hot Flex 1000

P/N: 010-0041

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-Hot Flex 1000 is a specially blended asphalt for use as an elastomeric interply waterproofing adhesive and floodcoat in roof construction. ERS-Hot Flex 1000 uses SEBS (Styrene Ethylene Butadiene Styrene), polymers and specially formulated asphalts to create a weather-resistant system far superior to conventional roofing systems.

ERS-Hot Flex 1000 is manufactured to yield a material with greatly improved low temperature flexibility, elongation, elasticity and toughness when compared to conventional oxidized roofing asphalts. ERS-Hot Flex 1000 can be heated using conventional, direct heated roofing kettles and is applied using standard handling and mopping techniques.

RECOMMENDED USES:

ERS-Hot Flex 1000 can be used with all types of roofing felts and in a broad range of systems. It can be used to apply base and ply sheets as well as modified asphalt systems.

ADVANTAGES:

- Can be applied by conventional methods eliminating need for costly and specialized equipment.
- Secures gravel cover and provides a weather-resistant top protective coating.
- Contains no asbestos.
- Superior physical properties result in higher performance membrane systems.
- Exceeds minimum requirements of ASTM Specification D 412.

INSTALLATION:

Surface Preparation: Surface must be clean and dry.

Application: ERS-Hot Flex 1000 may be heated in a conventional roofing kettle. In order to achieve a consistent temperature during application, the kettle should be equipped with a circulating pump. ERS-Hot Flex 1000 should be applied at the labeled EVT range for proper coverage. Do not heat above 525°F. ERS-Hot Flex 1000 may be applied by mop, using cotton or fiberglass mop heads.

Felt layers, such as the Garlock Universal, are preferred. Chain mops are not to be used with uncoated polyester ply sheets, as they can damage the ply.

As a surfacing floodcoat of ERS-Hot Flex 1000 is applied, immediately broadcast new, clean and dry roof gravel into hot material at a rate of 400 lbs/100 sq.ft.

STORAGE LIFE:

When storing, protect from long-term exposure to direct sunlight and provide sufficient ventilation. Containers must be upright.

PACKAGING:

Available in 60 lb. kegs / 32 per pallet.

PHYSICAL PROPERTIES:

Property	Typical Values	Test Method
Softening Point °F (°C), Type III	185 – 205°F (18 – 96°C)	ASTM D 36
Flash Point °F	550°F	ASTM D 92
Penetration	20	ASTM D 5
Tensile Strength	60 psi	ASTM D 412
Density	1.0 or greater	ASTM D 70
Elongation (%)	1000	ASTM D 412
Cold Temperature Bend (°F)	30	ASTM D 3111
Asbestos Content, %	Zero	EPA 600/R-93/116

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