



Frequently Asked Questions

United Asphalts ENDURAFlex HT SEBS polymer-modified asphalt

What is ENDURAFlex HT SEBS?

ENDURAFlex HT is a polymer-modified roofing asphalt from United Asphalts. Its SEBS formulation offers increased tensile strength, elastic recovery, thermal stability, and resistance to UV degradation when compared to standard oxidized asphalt or SBS. Today, the ever-increasing demand for materials and systems that can withstand the most extreme weather serves as the catalyst for the introduction of ENDURAFlex HT SEBS modified asphalt. When a Class IV, Hail-Resistant, Built-Up roof is what you need, Look no further than ENDURAFlex HT SEBS from United Asphalts.

How is SEBS different from SBS?

SBS (Styrene-Butadiene-Styrene) modified asphalt was made to improve the extensibility and durability of roofing asphalt. While those two elements were indeed improved, this material requires the use of expensive oil-jacketed kettles to avoid damaging the chemical composition of the material. SBS also does not possess a level of UV resistance that is needed for multi-decade effectiveness in many environments

SEBS (Styrene-Ethylene-Butadiene-Styrene) differs from SBS because it utilizes the addition of an Ethylene midblock which serves to make the material both thermally stable and highly UV resistant. This new material can be used in standard direct-fire kettles and excels in a wide range of climatic conditions.

Where is ENDURAFlex HT SEBS Best Utilized?

Wherever the most durable and longest-lasting built-up roof is needed. The worsening of extreme weather patterns across the globe has spawned a demand for more robust commercial roofs. Owners of critical facilities, such as hospitals, schools, computer centers, airports and sensitive government buildings have come to realize the importance of installing a hail-resistant roof assembly over their facilities. This need for class IV hail protection has brought with it an increasing demand for SEBS Polymer Modified Asphalts.

Does ENDURAFlex HT SEBS perform to testing standards?

ENDURAFlex meets or exceeds all requirements of ASTM D6152. In some cases, we can also customize a batch to meet a specific specification. Minimum quantities apply. Contact us for more information.

Does ENDURAFlex HT SEBS take special equipment?

No, ENDURAFlex HT has an Ethylene midblock in SEBS which serves to make the material both thermally stable and highly UV resistant. This new material can be used in standard direct-fire kettles and excels in a wide range of climatic conditions. It does not require an oil-jacketed kettle.

How is ENDURAFlex shipped?

Like all United Asphalts products, ENDURAFlex HT SEBS comes with superior packaging. United Asphalts uses a heavy-duty slip sheet between pallet layers and double bands the inner kegs. Next, we wrap each pallet in a heavy 6-mil shroud that is heat shrunk to create a stable unit that stands up remarkably well to the elements. There are 48 50# kegs per pallet and 20 pallets per truck.