

ReNUBIT®

Bitumen Softener

Compatibilizer & Dispersion Aid for
Polymer & Crumb Rubber Modified Bitumen

Roofing

ReNUBIT promotes stability and compatibility in polymer modified bitumens. It reduces viscosity, and improves low temperature adhesion to many substrates for self-adhered membranes.



Paving

ReNUBIT produces softer grades that support high levels of polymer and crumb rubber in bitumen, while delivering better low temperature properties. It improves fracture toughness and fatigue resistance of bitumens.



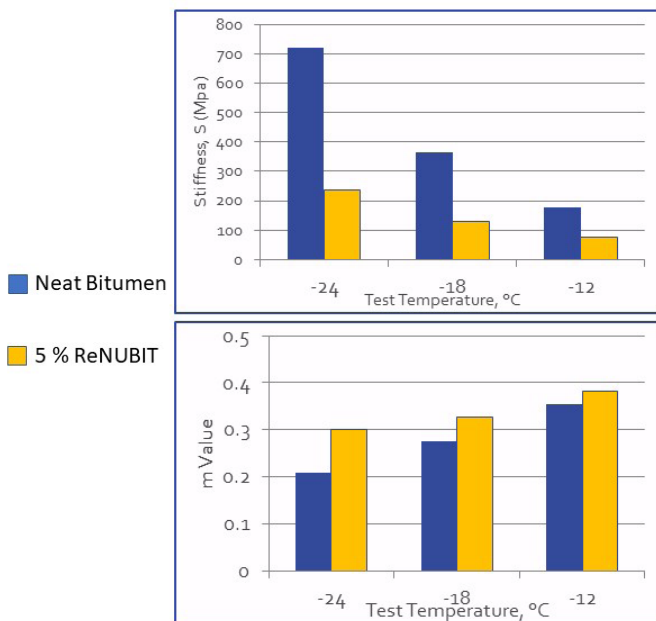
Improve Polymer Compatibility and Stability

ReNUBIT® is a proprietary petroleum-based bitumen softener, designed to improve polymer compatibility, solvency and stability. It is effective with a wide range of bitumens found around the world in the paving and roofing industries.

In paving applications, ReNUBIT reduces viscosity and improves low temperature properties. It decreases stiffness and improves fatigue resistance in mixes. This leads to long-term durability and better overall performance.

The addition of ReNUBIT to compounds in roofing applications helps reduce viscosity and promotes polymer dispersion. ReNUBIT improves tack and adhesion properties and produces softer grades, with better low temperature cracking resistance and adhesion to a variety of substrates. It also functions as an effective cutter in bitumen, aiding in increased filler loadings.

BBR Test on PAV Aged Materials - ReNUBIT decreases stiffness and increases the mValue



ReNUBIT® Technical Data

| Property | Typical Value | |
|------------------------------------|----------------|------------|
| Density | 0.935 kg/liter | 7.8 lb/gal |
| Viscosity @ 15.5° C (60° F) | 1 Pa.s | 1000 cp |
| Flash Point, COC | > 260° C | > 500° F |
| Clay gel Aromatics & Polar Content | < 50 % | |



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