

## TECHNICAL DATA SHEET – REBIND™

### DESCRIPTION

Blacklidge's REBIND™ (B-AS2) is an adhesion-promoting technology formulated to prevent stripping, or moisture-induced loss of adhesive bond, at the asphalt-aggregate interface. Moisture damage is a common issue that worsens with age and freeze-thaw cycles. REBIND™ is proven to prevent stripping of even extremely moisture-susceptible aggregates, including problematic granite and limestone sources. The product will ensure conformance to stripping resistance according to AASHTO T283 (Method of Test for Resistance of Compacted Bituminous Mixture to Moisture Induced Damage), FM 1-T 283, and others. When REBIND™ is added directly to an asphalt binder at the prescribed dosage, it will have a negligible impact on the PG properties of the asphalt. Additionally, REBIND™ can improve compaction and mix workability under a variety of conditions.

### PHYSICAL PROPERTIES

- Flowability: Liquid at ambient temperature
- Specific Gravity (H<sub>2</sub>O = 1): 0.9-1.0
- Solubility in Water: Dispersible
- Appearance and Odor: Dark brown-black liquid with mild odor

PARAMETER	TEST METHOD	MIN	MAX
Kinematic Viscosity, cSt @ 60°C	T 201	20	100
Flash Point (COC), °C	T 48	200	----
Mass Loss, %	T 240	----	3.0

### DOSAGE AND USAGE GUIDELINES

Recommended dosage is 0.25 – 0.75% per total binder or virgin binder weight. Actual dosage is generally dictated by agency requirements or by contractor experience with local materials. REBIND™ may be added directly to the asphalt binder and blended prior to combining with the other components of the mixture. Alternately, REBIND™ can be introduced into the asphalt line or drum at the asphalt mix plant. Method of introduction may also be dictated by the agency.

REBIND™ is compatible with PPA, unlike amine-based antistrips. REBIND™ is also compatible with SBS, SBR, GTR, and other conventional modifiers frequently used in the industry and has negligible effect on the PG properties of the asphalt binder when used as specified. REBIND™ is compatible with various aggregate types including limestone, granite, sandstone, dolomite, marble, sand, RAP, RAS, etc.

### HANDLING AND STORAGE

REBIND™ is a very stable formulation allowing long-term storage without separation or degradation. Avoid contamination when introducing the product into spaces used to store other products. The product may be stored at a range of ambient temperatures without adverse effects. For industrial use only. Refer to SDS for further information on safe handling of REBIND™.

### TECHNICAL SUPPORT

For additional information on the product, please contact your Blacklidge representative prior to first use for detailed instructions. We can also be reached at 1-800-866-3878 or [contact@be-inc.com](mailto:contact@be-inc.com) for any further support.

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.

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