Get into the **ACT™**

*Predict Passing TSR Results in Minutes!*

**ALL NEW!**
Asphalt Compatibility Tester
Predict Passing TSR Values Quickly

The ACT is an innovative method to quickly indicate the adhesion strength of binder to aggregate. The results from this test can be used to indicate if asphalt mixtures would pass indirect tensile strength or TSR values (AASHTO T283, ASTM D4867). This quick test can be used during mix design and quality control to screen the mixture for susceptibility to moisture damage due to adhesion failure.

Boil Test

ACT test results are based on subjecting the mixture to the Boil Test ASTM D3625. The ACT uses a photo detector to measure light reflection from the surface of the asphalt mixture to automatically quantify the change in color. A Color Index is then calculated, which quantifies the amount of color loss in the mixture. A strong correlation exists between Color Index and AASHTO T 283 and ASTM D4867 tensile strength value for a particular mixture which can be used to predict passing TSR test results.

The ACT provides agencies a quick test method to account for routine changes that occur during production. This test will ensure that mixture formulation and gradation changes do not negatively affect tensile strength or TSR test results and production of moisture sensitive mix designs.

Accurate And Easy To Use

The ACT test method is straight-forward, easy to perform and produces repeatable test results. Now, asphalt practitioners and pavement engineers can predict with certainty the mixtures sensitivity to adhesion failure.