



HOT MIX ASPHALT

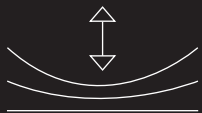
Replace petroleum with soybeans and RAP.

**Invigorate[®]
Plus**

Invigorate[®] Plus additive is the next generation of asphalt rejuvenator for high-traffic and heavy-load applications, including interstates, highways and other major arteries. With this additive in the mix, crews can replace petroleum polymer with soybean-based polymer — and at the same time, increase the amount of RAP while meeting or exceeding performance specifications.



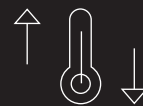
Design high-RAP mixes for high-traffic applications.



Restore pavement's stress relaxation and elastic recovery.



Reduce the need for petroleum polymer modification.



Improve high- and low-temperature performance grade.

45%

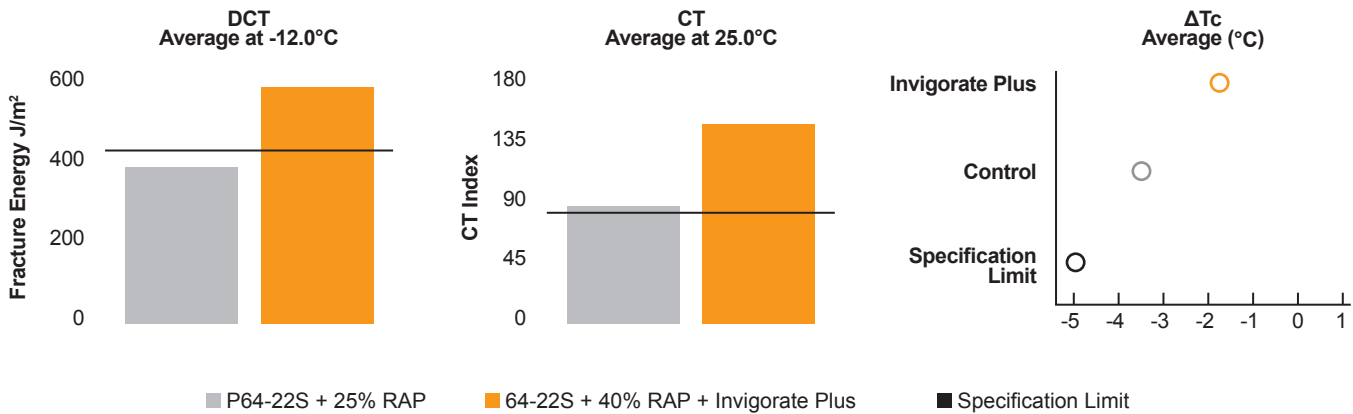
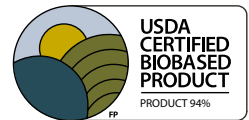
Use up to 45% RAP without age-old drawbacks.

Beneath the surface.

Invigorate Plus uses soybean-based science to not only produce superior asphalt but also protect the finished pavement. The additive works deep within the chemistry of the mix to rebuild density and elasticity in place of the aging and stiffening that otherwise occurs over time. The result is a revolution in mix design that's already received NCAT verification in more than half of the U.S.



DATA FROM A PROJECT IN INDIANA



DATA FROM A PROJECT IN MISSOURI

The Mix

64-22S + **25%** + **4%**
 Virgin Binder RAP Invigorate Plus

The Results

Final PG **70-28E** Final ΔTc **0.6°C**