Sustainable Solutions, **Better Roads** SIP- Rejuv



SIP RejuvTM rejuvenator is an all-natural additive that builds better and more sustainable pavements. SIP Rejuv is specifically engineered to react and restore aged binder on Recycle Asphalt Pavement (RAP). This allows asphalt to achieve percentages up to 50% RAP

content.



Improve Overall Binder **Performance**



Aging



SoyLei will assist you at every step along the way from testing materials to product dosing to on site support. Your need is our service.

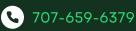
Partnership

National Center for Asphalt Testing (NCAT), National Road Research Alliance (NRRA),





information@soylei.com





SIP₁₁₁₁ Rejuv in the Pavement

SIP RejuvTM rejuvenator uniquely reacts with the damaged sites within the aged asphalt binder. This reaction reverses the stiffness that occurs from aging. Making the binder like new and flexible to produce a superior asphalt mix.



SIP₁₁₁₁ Rejuv in Minnesota

58-28S Binder XX-34S 4.5% SIP Rejuv → ΔT_c: 1.7

w/ 40% RAP

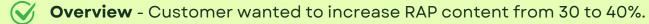
Mix

DCT: 425 J/m²

SIP rejuvenator was 3rd party tested by the NRRA and MnDOT as Head-to-Head against industry competitors. 2 years of testing SIP Rejuv is outperforming the field.

Case Study

Impact: Customer saves \$1.75/ton





Case Study

Performance and Benefits - Improved compaction densities were achieved. Testing confirmed improved performance of the binder and mix testing.





