

PAVEMENT PRESERVATION

Turn basic maintenance into real-deal restoration.

Invigorate[®]
Plus

Invigorate[®] Plus sealcoat is a polymer-modified surface treatment that both restores and preserves high-traffic pavements. How? This sealcoat penetrates 4x deeper than the typical topical to reverse oxidation throughout the surface course, then its polymer component seals the entire top inch of pavement to prevent moisture from getting in.



Apply 3 to 8 years into pavement's service life.



Extend the lifespan of pavement by at least 5 years.



Combat formation of cracking and improve skid resistance.



Leave no impact on paint striping and road markings.



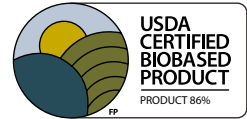
Reopen roads within two hours of application.

Beneath the surface.

Invigorate Plus is a waterborne, soybean-based sealcoat for interstates, highways and other major arteries. Unlike the typical topical, this sealcoat is formulated with 1) particles small enough to navigate the pore structure, and 2) particles large enough to seal the pore structure. As a result, Invigorate Plus can both restore and preserve pavement with a single application of its science.



THE RESTORATION AND PRESERVATION PROCESS



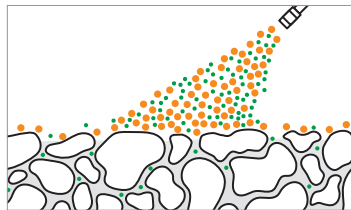
PARTICLE SIZE



Particle for Penetration

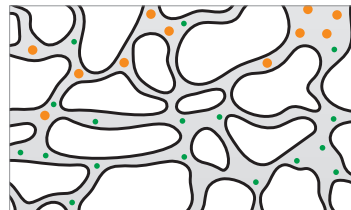


Particle for Seal Action



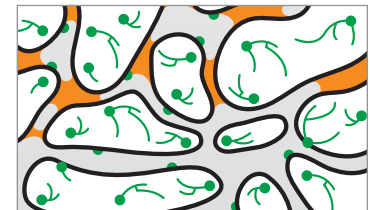
STEP 1

When Invigorate Plus is applied to the pavement, the one-two punch of particles within the sealcoat activate to drive the absorption process.



STEP 2

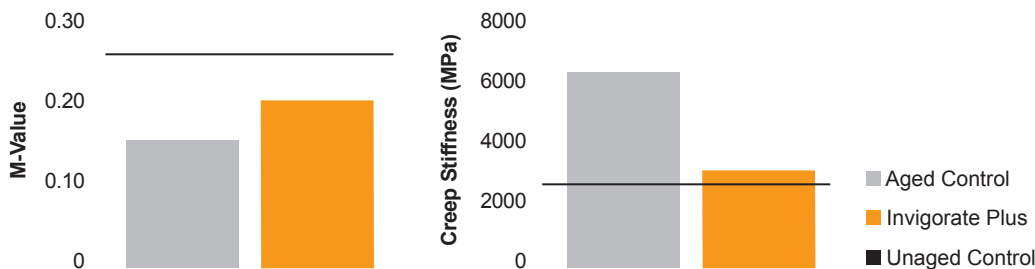
The small particles travel through the skeleton of the surface course and into the pore structure of the pavement, seeking out damaged sites on asphalt molecules.



STEP 3

The small particles create chemical reactions to reverse the effects of aging, while the large particles seal the pore structure to decrease permeability and prevent freeze-thaw damage.

DATA FROM A PROJECT IN MINNESOTA



NOTE: The decrease in creep stiffness alongside the increase in M-Value demonstrates the sealcoat's ability to reverse the aging process while modifying the asphalt's molecular structure to the benefit of both the pavement and the user.