



Ronnie Price

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David Zimmerly
Sierra Santa Fe
PO Box 1058
Ridgefield, WA 98642

Dear Mr. Zimmerly,

On behalf of Ingevity®, I would like to welcome you as an approved applicator supporting the licensed manufacturing family of Onyx® Frictional Mastic Surface Treatment providers.

As you are aware Onyx® is a cost-effective frictional mastic surface maintenance treatment intended to address issues like oxidation, raveling and loss of surface residuals before they become major road distresses. This technology is accomplished by a mixture of asphalt emulsion, increased levels of aggregates, mineral fillers, polymers and additives created to maximize the frictional characteristics of roadways. This frictional maximization is completed by improving the micro texture on the pavement surface. Onyx is a clean asphalt technology providing a renewed maintained surface to paving maintenance applications.

The requirements for Onyx are to provide a frictional surface, speed to open (dry time) and engineered toughness in a central plant manufacturing environment. Onyx is also required to have approved applicators in the industry with proven qualified formulations.

Onyx applications must be applied by a demonstrated applicator with acceptable quality and quality programs provided by demonstrated field storage performance using qualified, calibrated acceptable application equipment. Onyx applicators must have demonstrated resource management.

Onyx execution must be performed by following the applicator support framework which illustrates the basis of site selection and distress assessment driving an understanding of pavement preservation needs for continued application quality and customer satisfaction. Finally, there is a need to demonstrate the understanding of pavement surface and texture needs while maintaining and managing the pavement preservation lifecycle.

Based upon demonstrated experience and meeting Ingevity® requirements, Sierra Santa Fe is an approved applicator of the Onyx® Mastic Surface Treatment system.

Sincerely,

A handwritten signature in black ink that reads "Ronnie Price".

Ronnie Price
Technical Support and Development Manager