

# MIX-Maxer<sup>®</sup>



Patented pre-treated Rubber  
Technology in US, Canada and  
8 European Countries

R.O.A.D. CO.

Rubber Optimization And Development Co.  
USA



***ENGINEERED RUBBER ASPHALT SOLUTIONS***

# MIX-Maxer®

## Product Application

MIX-Maxer® is typically introduced into a mix through the RAP collar and added at 4.5-5.5kg per mix ton or about 10% by weight of the binder for Superpave or dense grade mixes.

MIX-Maxer® does not absorb any of the valuable maltenes from the binder; therefore, extra binder is not needed with the exception of the film coating on the rubber additive when it is in the mix.

MIX-Maxer® will demonstrate a lower viscosity than standard wet processed rubber mixes with improved aging properties and greater workability.

A dosage such as 20% MIX-Maxer® by weight of the binder works best in gap grade and open grade mixes



## About Our Product

MIX-Maxer® is a pretreated RTR that utilizes sustainable materials and pre-treated rubber asphalt technology to produce a high performing paving material with greater durability and lower life cycle costs.

MIX-Maxer® can be directly added into the asphalt mix at the mix plant without first having to wet process the RTR.

MIX-Maxer® dramatically expands the commercial viability of the use of RTR in asphalt while providing enhanced performance properties over those obtained with polymer modified asphalts at reduced costs.

## BENEFITS

Extends the usable life of your pavement by 25%-50%

Is a sustainable Green Paving Solution at economical costs.

Consumes one old discarded tire per every 14m<sup>2</sup> of 25mm thick of asphalt surface.

Provides better compaction and reduces rutting & cracking.

Protects the paved surface from UV damage through UV inhibitors in the tire rubber.

Reduces lifecycle costs through reduced maintenance and warranty callbacks.



## About Us

*Rubber Optimization And Development Co (USA) and its associated companies Polymer Consultants Inc(PCI) and Innovative Polymer Solutions (IPS) has a patent Max-Mixer product which is a pre-treated Ground Tire Rubber (GTR) that can be directly added into an asphalt mix at the mix plant without first having to wet process the GTR*

# R.O.A.D. Co.



## MIX DESIGN

Performance engineering designs or balanced mix-designs that include a rutting test, such as Hamburg, and cracking test such as the overlay tester and semi-circle bend are recommended. Testing data should be comparable to other rubber or polymer mixes.

## HANDLING

Typical mixes do not require modification other than removal of 1% of fines.

Mixes can contain up to 25% by weight of RAP without loss of desirable properties.

MIX-Maxer® was not designed to modify a binder but rather designed to modify mix properties.



## TIME TESTED

Demonstrated quality performance history in varied Hot and Cold climates.

MIX-Maxer® has been employed in both the US and Canada with a Caribbean application pending.

0% warranty claims.

MIX-Maxer® asphalt technology has been used on state and county roads, parking lots, residential roads, heavy industrial access roads, race track and rest stops.

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## MIX-Maxer®

*Pre-Reacted Rubber Particle  
Technology*



## **R.O.A.D. CO.**

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*Excellence in ERA Solutions & Services*