



Fibers for Life.

ROAD-CEL[®]

Fibers for Stone Matrix Asphalt

Sustainable product made from natural, high-quality and upcycled raw materials

SMA BENEFITS

- Rut resistance
- Excellent skid resistance
- Low temperature performance
- Sustainable
- Lower life-cycle cost
- Recyclable
- Same performance when used as WMA-SMA

ROAD-CEL[®] ADVANTAGES

- Natural fiber
- Dense fiber network
- Lowest binder drainage
- Best price-performance rate
- Non water-polluting
- Short delivery times



Product magnified



ROAD-CEL®

Fibers for Stone Matrix Asphalt

OVERVIEW

J. Rettenmaier USA is a SMA pioneer with many years of the highest quality standards for cellulose fibers ensuring lowest binder drainage values due to consistent performance. Our high quality ROAD-CEL® product is manufactured from upcycled/uncirculated materials.

SMA mixes offer an outstanding performance with less deformation, better low temperature behavior, longer lifespan and decreased repair/maintenance costs resulting in better life-cycle cost benefits.

ROAD-CEL® FUNCTIONALITY

- Reduces the tendency for mix segregation
- Minimizes binder drainage significantly
- Enables the use of higher binder contents achieving highest durability
- Easy to use and dose

BETTER PERFORMANCE

JRS USA ROAD-CEL® product offers benefits to any kind of SMA: high/medium traffic volume roads and by-passes. SMA is the solution for industrial applications like truck terminals, harbors, airports and parking lots. SMA provides an even surface for a smoother ride decreasing outside/inside vehicle noise. Safety is increased due to less water spray and an increased skid resistance.

Drain down with
0.3% ROAD-CEL®

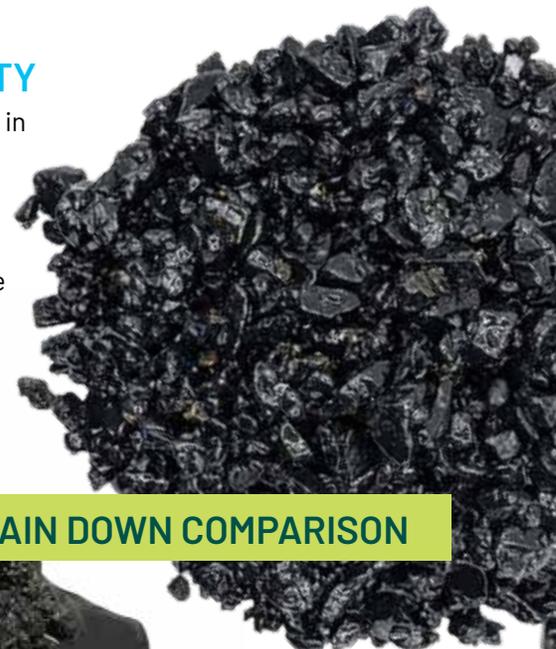


DRAIN DOWN COMPARISON

The US Federal Highway administration adopted the ROAD-CEL® specification as the guideline for cellulose stabilizers in SMA and also in OGFC mixes.

PRODUCT AVAILABILITY

JRS USA cellulose products come in uniform packaging weights with multiple products to choose from. Being the only manufacturer in the US, uninterrupted service is provided with knowledgeable customer service.



DRAIN DOWN COMPARISON

Drain down with
0.3% ROAD-CEL®



Drain down
without ROAD-CEL®



Drain down
without ROAD-CEL®