

# GreenCircle Certification System

GreenCircle Certified, LLC certifies  
that an independent, third-party evaluation has been conducted for:

## Asphalt Systems, Inc.

GSB-88®

*Salt Lake City, UT*

One application of GSB-88® every five years can  
extend the lifetime of a road and have the following  
environmental impact reductions on a road:

Global Warming Potential - 49%

Acidification - 49%

Eutrophication - 49%

Ecotoxicity - 49%

Smog Potential - 49%

These impact results are based on a published Ecoinvent LCA study on an average road  
in Switzerland that has been adapted to United States road conditions. US road  
conditions last half as long as in Europe; therefore, a 20 year lifetime for the sub-base  
was assumed. The impacts from the sub-grade was excluded from this analysis. Each  
application is assumed to extend the life of a road by five years.

*Certification Period: June 1, 2017 – May 31, 2018*

*Certification Number: 17-0280*

*Referenced Standards: ISO14040, ISO14044 and ASTM E1991-05*



*Tad Radzinski, PE, LEED AP, SFP*

*Certification Officer*



**GreenCircle  
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