

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 an LCA published by Ecoinvent for an average road
in Switzerland; the LCA has been adapted to United States road conditions. For this
analysis, a 20 year lifetime for the sub-base was assumed, and the impacts from the
sub-grade were excluded. Application of GSB-88® every five years is expected to extend
the road's lifetime to 40 years, for a total of eight applications over the road's lifetime.

Certification Period: June 1, 2020 - May 31, 2021

Certification Number: 20-0169

Referenced Standards: ISO14040, ISO14044 and ASTM E1991-05



Tad Radzinski, PE, LEED AP, SFP

Certification Officer



**GreenCircle
CERTIFIED** LLC

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