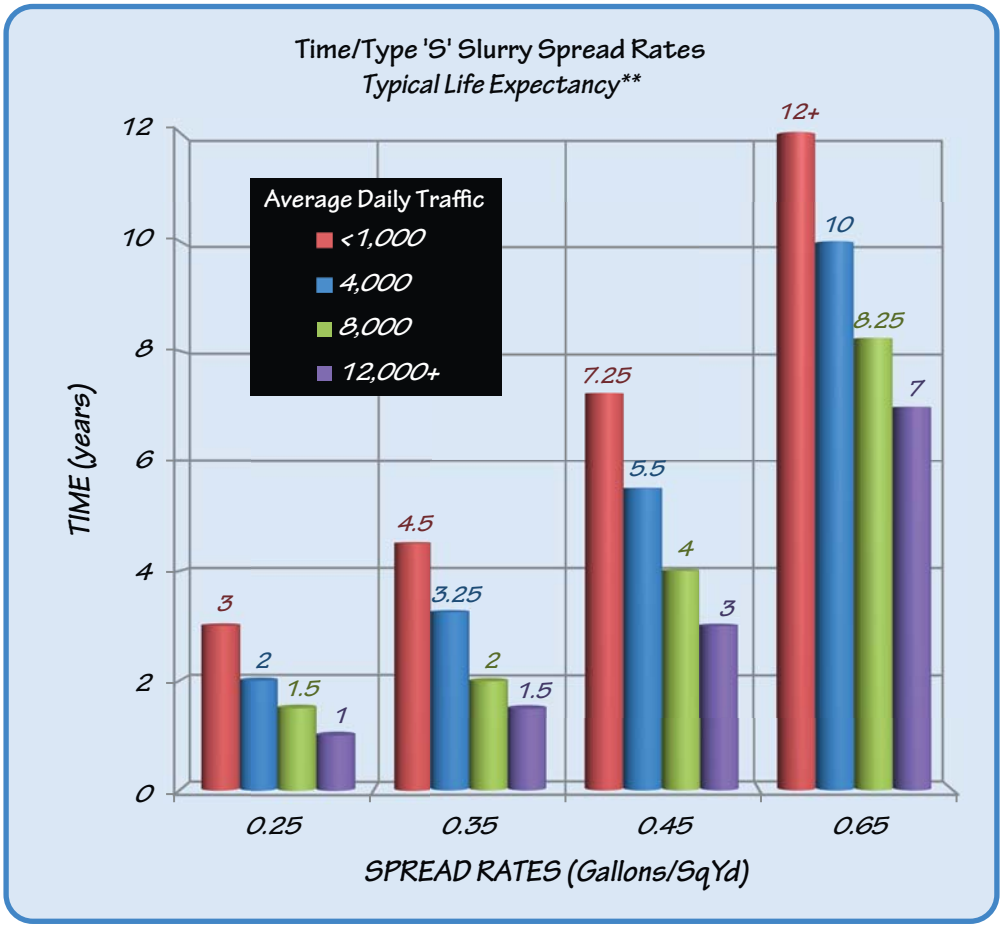
CARBONYTE SYSTEMS INC

PAVEMENT PRESERVATION COATINGS TECHNOLOGY | AEROSPACE COATINGS TECHNOLOGY

TYPE 'S' SLURRY PERFORMANCE

*BASE DESIGN MIX



Variables for Consideration in Design/Build

1. **Torsional Traffic:** High wear areas may deteriorate up to 50% faster than straight rolling traffic including cul-de-sacs, roundabouts, turns, intersections etc. Advise that engineer supplement plans to include a minimum 25% higher spread rate in high wear zones.
2. **Heavy Traffic Loads:** Large weight bearing vehicles can add an additional 10% wear factor especially on inclines or intersection approaches.
3. **Water:** Heavy rainfall areas can affect coating longevity between 25 - 50%. Additionally, keep in mind that standing water or cascading water from daily irrigation or subterraneal sources can have a steady impact.
4. **Chemical/Lubricant Deposits:** Any area where oil drippings (intersections, after undulations), hydraulic fluid, anti-freeze or car care/washing chemicals that may be present should be addressed with higher spread rates and/or be treated with a fuel/chemical resistant sealer design. A pre-treatment primer to assure adhesion and longevity may also be needed in existing deposit areas.
5. **Pre-existing Asphalt Condition:** *Chart above reflects applications to asphalt that have an index of 70 and higher.* Pavement conditions that may impact sustainability include surface porosity (loss of fines), dirt/popcorn, large polished aggregates, movement by crack distress or shoving, significant oxidation, bleeding asphalt or other design flaw of original binder and/or stone composite structure. Localized areas of distress may be repaired prior to installation.

* Top size: 20 mesh aggregate

** <15% film residual at terminal figures

Made in USA

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