



Low Permeability Asphalt for Bridge Decks and Parking Structures

EVERLIFE LP[®]

Keep water and everything else out!

The intrusion of moisture and de-icing chemicals into pavement is a serious problem in our freeze/thaw climate and can cause significant failures in any paved surface. Bridges and parking structures are especially susceptible to degradation because the sub-structures consist of materials other than asphalt such as concrete and steel. EverLife LP[®] is a specialty asphalt mix that combines highly polymer-modified, high-grade asphalt cement with high-quality, specifically graded aggregate to create a surface that provides excellent waterproofing properties and reduces permeability. The elevated asphalt cement content and carefully selected aggregate gradation in the mix gives it excellent resistance to rutting and an extended fatigue life under intense loading, all while protecting underlying structures.



The industry's top experts for over 50 years, offering products and services from 29 strategically located terminals across Canada, coast to coast.

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ISO 9001/14001/45001

THE MCA ADVANTAGE

With the MCA Advantage, you get a partner and advisor who will consult with you about designs, specifications, technical services, processes, and material selection. By developing innovative, custom-designed products that offer additional benefits such as peak performance in unique conditions, improved field performance, and greater environmental and health benefits, the MCA Advantage provides significant long-term cost savings, resulting in a lower "total cost of ownership."

How does it work?

Design

MCA Engineering services will design the mix to meet the specific requirements of each job:

- Custom selection and formulation of the asphalt cement
- Aggregate selection and blending
 - Designing the mix to meet or exceed all relevant specifications
 - Performance testing including rutting and fatigue testing
 - Hydraulic conductivity testing
 - Testing for resistance to oil, salt, and de-icing chemicals

Application

EverLife LP® can be applied directly to concrete/ steel bridge decks or parking structures, although it is recommended that an application of CBC tack coat be applied first. Additionally, a MACSEAL BDM membrane is recommended prior to applying EverLife LP® to concrete decks.

Advantages and Benefits

Economic

- Outperforms conventional mixes
- Less maintenance required on underlying structures

Environmental

- Energy savings
- Reduction of fumes and greenhouse gases means lower carbon footprint

Social

- Reduced impact on users
- Highly channeled traffic is interrupted less frequently
- Safety of roadways increases as failures decrease



THE RIGHT MIX

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