



Serious Advantages

WARM MIX ASPHALT

Applied at lower temperatures than traditional hot mix!

- Lower Mixing and Compaction Temperatures**
- Competitive Performance Characteristics**
- Increased Worker and Driver Safety**
- Reduced Impact on the Environment**



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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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."

WHAT IS WMA?

Warm mix asphalt (WMA) is an asphalt mix created using specialized additives and mixing methods that enable it to be produced and applied at lower temperatures than traditional hot mix asphalt.

Additives used to produce WMA include waxes, oils, and other softening agents while methods such as foaming aid in coating aggregate without heating the bitumen to temperatures typically required for hot mix asphalt.

WHY USE WMA?

WMA's lower temperatures produce less fumes to be released into the air, leading to increased long-term worker health and safer working conditions in low-visibility, high-traffic projects such as night paving.

Because WMA technologies can lower the mixing and compaction temperatures of the mix by 15 to 20 percent, the resources needed to heat the mix and keep it heated are greatly reduced. This translates to faster production, better mix workability, and an overall cost savings.

DOES WMA PERFORM AS WELL AS HMA?

Despite the lower temperatures, pavement made with WMA demonstrates the same performance characteristics as traditional hot mix asphalt. There are even indications that it outperforms its hot mix counterpart due to undergoing less stress during the production and paving processes.

PRODUCT SUPPORT

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FEATURES AND BENEFITS

- Lower mixing and compaction temperatures
- Competitive performance characteristics
- Increased worker and driver safety
- Reduced impact on the environment

CONTACT US

To learn more about Warm Mix Asphalt and how it can be used to benefit your projects, please contact your regional MCA Marketing or MCA Technical Services team.



THE RIGHT MIX

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