

EVO THERM™ WARM MIX ASPHALT

The next-generation sustainable paving solution.





Evotherm™ warm-mix technology is a next-generation paving solution that significantly lowers temperatures for asphalt production and application. This means major reductions in fuel consumption and environmental impact.

Why Warm Mix?

Warm mix asphalt technologies like Evotherm make sense for agencies charged with maintaining and building long-lasting roads that reduce environmental impact on surrounding communities. Evotherm is especially beneficial in the reduction of greenhouse gas emissions and in regions challenged to meet air quality standards.



40-60%

decrease in CO₂

80-97%

reduction in
job site emissions

Environmental Advantages

Evotherm has consistently demonstrated major reductions in emissions compared to hot mix asphalt, including:

- Greater than 60 percent decrease in greenhouse gasses;
- Nearly 75 percent reduction in photochemical smog emissions;
- More than 80 percent drop in acid rain causing sulfur dioxide.

Plus, Evotherm mixes have been found to reduce job site emissions by up to 97 percent. Eliminating odors and fumes associated with paving assures a more pleasant work environment with a reduced impact on surrounding communities.

Energy Conservation and Savings

There are many variables associated with energy usage, but Evotherm projects have had documented energy savings greater than 55 percent.

Performance and Durability

Evotherm performance has been proven in over 100 projects in 19 states, as well as in France, Spain, Canada, Mexico, South Africa, and China, and this number continues to grow.

Since October 2005, Evotherm has been involved in accelerated testing at the United States National Center for Asphalt Technology's pavement test track. Results prove Evotherm-paved test sections have held up to the equivalent of more than 10 years of traffic, performing exceptionally with virtually no deformation.

 Specialty Chemicals

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