

FLEXIBLE ASPHALT COLD TECHNOLOGY (FACT)

Rehabilitate your roads with Miller's Flexible Asphalt Cold Technology (FACT), a cold-mix asphalt that offers a durable, permeable, flexible and an eco-friendly mix. FACT is installed with conventional paving equipment and allows for a smooth driving surface. FACT has a low carbon footprint due to lower production temperatures in a cold-central plant, using asphalt emulsions and cold aggregates. Furthermore, the total carbon footprint for construction is lowered by eliminating the need for extensive excavation and reconstruction to address frost-heave distresses in the pavement. As an added benefit, FACT can be used for road repairs, potholes, and pavement preservation.

ATTRIBUTES

- Self-healing
- Paved on any surface in any condition
- Paved for any traffic condition
- Increase structural capacity
- Reduce base preparation
- Eliminates excavation and reduces trucking
- Lower construction and maintenance costs
- Cold constructed mix can be stockpiled up to one year



60-80% cost savings compared to removal and replacement



Reduction in excavation, trucking and disposal



Same-day return to traffic, 75% faster construction times



Adds 10-15 years in Life extension

ISSUES ADDRESSED

- Potholing
- Ravelling
- Cracking
- Rutting

CANDIDATES

- Deep frost penetration regions
- Shallow bedrock regions
- Severely distressed roadways
- High water-table regions



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