

# Pavement Cold Joint Adhesive

Pavement Cold Joint Adhesive is the Performance Leader



Application of cold joint adhesive

Cracking frequently develops along the longitudinal joint formed when adjacent lanes are paved separately, usually along the pavement centerline. This cracking develops mainly due to difficulty achieving proper density of Hot Mix Asphalt (HMA) along the centerline when lanes are paved separately. Once cracking develops along the cold joint, water and foreign matter are able to infiltrate the joint because of pavement movement caused by repeated pavement temperature fluctuations and the effects of traffic; the crack widens and lengthens causing pavement damage.

Using pavement cold joint adhesive will limit the depth that water, impurities, debris and sunlight infiltrates into the joint thus delaying damage caused by repeated pavement temperature fluctuations and traffic.

## BENEFITS

- Improved cold joint performance
- Extended pavement service life
- Decreases maintenance costs
- Simple, fast application, no operations delay
- Low cost to install on any sized paving project
- More effective than standard tack coat

## PAVEMENT COLD JOINT ADHESIVE



Application

Crafcold Cold Joint Adhesive reduces crack formation and raveling cold joints. The National Center for Asphalt Technology (NCAT) conducted a 6 year study including five states (CO, MI, NJ, PA, WI) and eight different longitudinal joint construction techniques for asphalt pavement.

The Crafcold Pavement Joint Adhesive performed the best with no significant cracking. Crafcold Pavement Joint Adhesive is the most researched and proven performance leader. Tests confirmed that longitudinal joints in asphalt pavement, if not treated, would encounter cracking, raveling and eventually fail due to water infiltration and pavement movement.

Crafcold's hot-applied Cold Joint Adhesive effectively bonds paving passes together creating a watertight seal during thermal movement resulting in improved long-term performance of the joint with no significant cracking. Cold Joint Adhesive can be used with all construction joint types such as vertical, wedge, notched wedge, cut back, etc. and with all pavement thicknesses. This product is also effective for waterproofing exposed edges of asphalt concrete pavement areas such as at the curb gutter and shoulder interfaces.

Crafcold Cold Joint Adhesive is also effective for waterproofing exposed edges of asphalt concrete pavement areas such as at the curb gutter, and shoulder interfaces. Additionally, waterproofing can be assured where manhole covers and hand valves (gas, water, etc.) are installed in asphalt concrete pavement. Like other Crafcold products this product is easy to apply.



Untreated Highway



Application



Completed Application

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