SEIKITOKYU KOGYO Technology Information

Roads, Parking Lots and Airfields (Asphalt-based)

## Warm Mix Asphalt (AR-eco)

Common Name : Warm Mix Asphalt



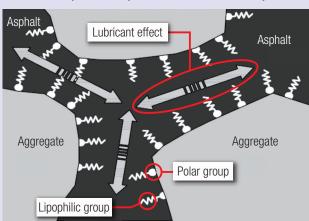
This is an environmentally friendly asphalt binder for warm mix pavement where the manufacturing temperature of the mixture has been suppressed.

## **Overview**

- A lubricant-base wax is added to the asphalt so that it can be manufactured at temperatures about 30°C less than the standard temperature for asphalt mixtures, which reduces the amount of CO<sub>2</sub> generated by about 15%.
- The mixture can be manufactured at normal asphalt plants.
- Can quickly be opened to traffic.

## **Applications**

Roadways, sidewalks, airports



## Lubricant (surfactant) base mechanism concept