

TECHNICAL DATA SHEET

PRODUCT:

WAXIRTEC-K

APPLICATION:

WAXIRTEC-K is a specially designed wax to be used in the production of Hot Mix Asphalt (HMA) with the aim of improving the bitumen wettability to the aggregates at lower temperature than the normal hot mix temperature.

WAXIRTEC-K allows working the asphalt mix 20 to 40°C lower than the usual hot mix temperature, ensuring same or better mix workability than standard mix.

WAXIRTEC-K is a long-time stable product at high temperature (180°C), it doesn't lose effectiveness and doesn't causes any negative effect on the bitumen properties.

Moreover, **WAXIRTEC-K** is an odor free product, allows saving energy, reducing CO₂ emissions and increasing the worker's safety, as the asphalt mix produces less fumes.

DOSAGE:

WAXIRTEC-K dosages depend on the application and could vary between 2% to 3% of bitumen weight.

WAXIRTEC-K could be easily used in standard plants, it could be directly introduced into the mixer of the Hot Mix Asphalt plants. No modification in plant design is necessary.

CHEMICAL FAMILY:

WAXIRTEC-K is a special designed wax.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance at 25°C	White pearls
Freezing point (°C)	140-150
Density at 20°C (g/cm ³)	0.64
Flash point (°C)	> 290

STORAGE:

Stable at room temperatures if stored in closed containers and at shadow.

PACKAGING:

WAXIRTEC-K is delivered in paper bags.

SAFETY:

All chemical products should be handled with care. In order to avoid injuries, protective gloves and safety goggles should be used. For further information, see our Safety Data Sheet.

The information contained herein is indicative only and without express guarantee. As no control can be exercised over its use, we cannot be held responsible for any damage which may result from its misuse

international road technology consulting s.l.

C/Orquidea 12 - 28981 Parla (Madrid) - SPAIN
info@irtecon.com

Ph. +34 914132159 fax +34 915151503
www.irtecon.com